

## ABC COKE DIVISION

FILE COPY - V.O.C./BZ TAG NUMBERS FOR ABC COKE						
BY-PRODUCT RECOVERY PLANT - GAS SERVICE EQUIPMENT						
NAME <i>450</i> DATE <i>10-22-08</i>			#2291	READING		O2
SERIES	COMPONENT LOCATION (EQUIPMENT FLOW)	BZ	COORD	BG	ACT	MH
	EXHAUSTERS		X,Y			
1100						
1102	#1 EXHAUSTER BY-PASS VALVE		27,76			X
1103	#1 EXHAUSTER STEAM CONNECTION VALVE		26,74			X
1104	#1 EXHAUSTER DISCHARGE BLOCK VALVE		26,70			X
1105	#1 EXHAUSTER TAR DRAIN BLOCK VALVE		28,73	20	20	
1106	#1 EXHAUSTER TAR DRAIN BLOCK VALVE		28,75	↓	↓	
1107	#1 EXHAUSTER TAR DRAIN BLOCK VALVE		28,76			
1108	#1 EXHAUSTER TAR DRAIN BLOCK VALVE		28,77	↓	↓	
1109	#1 EXHAUSTER TAR DRAIN BLOCK VALVE		28,79			
1112	#2 EXHAUSTER BY-PASS VALVE		27,92			X
1113	#2 EXHAUSTER STEAM CONNECTION VALVE		26,91			X
1114	#2 EXHAUSTER DISCHARGE BLOCK VALVE		26,87			X
1115	#2 EXHAUSTER TAR DRAIN VALVE		28,89	20	20	
1116	#2 EXHAUSTER TAR DRAIN VALVE		28,91	↓	↓	
1117	#2 EXHAUSTER TAR DRAIN VALVE		28,92			
1118	#2 EXHAUSTER TAR DRAIN VALVE		28,93	↓	↓	
1119	#2 EXHAUSTER TAR DRAIN VALVE		28,95			
1120	#2 EXHAUSTER TAR DRAIN LINE STEAM CONNECTION VALVE		32,102	↓	↓	
1121	EXHAUSTER DISCHARGE BY-PASS VALVE TO FLARE LINE		31,102			X
1122	EXHAUSTER DISCHARGE BY-PASS PRESSURE TAP VALVE		53,117	20	20	
1123	#1 EXHAUSTER COMPRESSOR SHAFT, WATER SEAL VALVE (SOUTH E		25,71	↓	↓	
1124	#1 EXHAUSTER COMPRESSOR SHAFT, WATER SEAL VALVE (NORTH E		26,80	↓	↓	
1125	#1 EXHAUSTER COMPRESSOR SHAFT, WATER SEAL VALVE (SOUTH E		25,87	↓	↓	
1126	#1 EXHAUSTER COMPRESSOR SHAFT, WATER SEAL VALVE (NORTH E		26,96	↓	↓	
1127	#1 EX. DISCHARGE PI		25,92	↓	↓	
1128	#1 EX. STEAM CONN.		24,74	↓	↓	
1129	#1 EX. STEAM CONN.		24,75	↓	↓	
1130	#1 EX. STEAM CONN.		24,76	↓	↓	
1131	#2 EX. STEAM CONN.		24,91	↓	↓	
1132	#2 EX. STEAM CONN.		24,92	↓	↓	
1133	#2 EX. STEAM CONN.		24,93	↓	↓	
1135	DRAIN ON COG LIE TO ESP'S		31,99	↓	↓	
1200	1A ESP, GAS DISCHARGE VALVE		43,73			X
1201	1A ESP, INLET BLOCK VALVE		33,74			X
1202	1A EXP, NORTH COMPARTMENT PURGE VALVE		38,75			X
1203	1A ESP, GAS DISCHARGE LINE PURGE VALVE		40,74			X
1204	1A ESP, PURGE VALVE		40,72			X
1204A	1A STEAM INLET		37,69	20	43	
1205	1A ESP, SOUTH COMPARTMENT PURGE VALVE		40,70			X
1206	ESP DISCHARGE MANIFOLD, STEAM CONNECTION VALVE		45,72			X
1207	"A" ESP, GAS DISCHARGE VALVE		43,79			X
1208	"A" ESP, GAS INLET BLOCK VALVE		33,84			X
1209	"A" EXP, DISCHARGE LINE STEAM CONNECTION VALVE		37,79			X
1210	"A" EXP, GAS DISCHARGE BLOCK VALVE		38,79			X
1211	"A" ESP, INLET PURGE VALVE		39,81			
1212	"A" ESP, PURGE BLOCK VALVE		40,80			X

## ABC COKE DIVISION

ALL ITEMS 1QTR 10000 PPM						
FILE COPY - V.O.C./BZ TAG NUMBERS FOR ABC COKE						
BY-PRODUCT RECOVERY PLANT - GAS SERVICE EQUIPMENT						
NAME <i>40</i> DATE <i>10-22-08</i>			#2291	READING		O2
SERIES	COMPONENT LOCATION (EQUIPMENT FLOW)	BZ	COORD	BG	ACT	MH
EXHAUSTERS			X,Y			
1100A	#1 EXHAUSTER TAR DRAIN LINE, STEAM CONNECTION VALVE		23,81			X
1104A	#1 EXHAUSTER DISCHARGE TAR DRAIN BLOCK VALVE		28,71			X
1104B	#1 EXHAUSTER TAR DRAIN LINE STEAM CONNECTION VALVE		30,70			X
1105A	#1 EXHAUSTER TAR DRAIN LINE STEAM CONNECTION VALVE		29,73	<i>20</i>	<i>20</i>	
1105B	#1 EXHAUSTER TAR DRAIN LINE STEAM CONNECTION VALVE		49,82	<i>15</i>	<i>15</i>	
1106A	#1 EXHAUSTER TAR DRAIN LINE STEAM CONNECTION VALVE		28,74	<i>20</i>	<i>20</i>	
1106B	#1 EXHAUSTER TAR DRAIN LINE STEAM CONNECTION VALVE		48,83	<i>15</i>	<i>15</i>	
1107A	#1 EXHAUSTER TAR DRAIN LINE STEAM CONNECTION VALVE		29,76	<i>20</i>	<i>20</i>	
1107B	#1 EXHAUSTER TAR DRAIN LINE STEAM CONNECTION VALVE		47,84	<i>15</i>	<i>15</i>	
1108A	#1 EXHAUSTER TAR DRAIN LINE STEAM CONNECTION VALVE		29,77	<i>20</i>	<i>20</i>	
1108B	#1 EXHAUSTER TAR DRAIN LINE STEAM CONNECTION VALVE		48,85	<i>15</i>	<i>15</i>	
1109A	#1 EXHAUSTER TAR DRAIN LINE STEAM CONNECTION VALVE		29,78	<i>20</i>	<i>20</i>	
1109B	#1 EXHAUSTER TAR DRAIN LINE STEAM CONNECTION VALVE		49,86	<i>15</i>	<i>15</i>	
1110A	#2 EXHAUSTER TAR DRAIN LINE STEAM CONNECTION VALVE		22,97			X
1114A	#2 EXHAUSTER TAR DRAIN BLOCK VALVE		28,87			X
1114B	#2 EXHAUSTER TAR DRAIN LINE STEAM CONNECTION VALVE		29,86			X
1115A	#2 EXHAUSTER TAR DRAIN LINE STEAM CONNECTION VALVE		29,89	<i>20</i>	<i>20</i>	
1115B	#2 EXHAUSTER TAR DRAIN LINE STEAM CONNECTION VALVE		49,90	<i>15</i>	<i>15</i>	
1116A	#2 EXHAUSTER TAR DRAIN LINE STEAM CONNECTION VALVE		29,90	<i>20</i>	<i>20</i>	
1116B	#2 EXHAUSTER TAR DRAIN LINE STEAM CONNECTION VALVE		48,89	<i>15</i>	<i>15</i>	
1117A	#2 EXHAUSTER TAR DRAIN LINE STEAM CONNECTION VALVE		29,92	<i>20</i>	<i>20</i>	
1117B	#2 EXHAUSTER TAR DRAIN LINE STEAM CONNECTION VALVE		47,88	<i>15</i>	<i>15</i>	
1118A	#2 EXHAUSTER TAR DRAIN LINE STEAM CONNECTION VALVE		29,94	<i>20</i>	<i>20</i>	
1118B	#2 EXHAUSTER TAR DRAIN LINE STEAM CONNECTION VALVE		48,87	<i>15</i>	<i>15</i>	
1119A	EXHAUSTER DISCHARGE BY-PASS VALVE (AROUND ESPs' & ABS.)		29,94			X
1119B	#2 EXHAUSTER TAR DRAIN LINE STEAM CONNECTION VALVE		49,86	<i>15</i>	<i>15</i>	
1200A	1A ESP, DISCHARGE VALVE, WATER SEAL VALVE		43,74			X
1200B	1A ESP, DISCHARGE VALVE, WATER SEAL VALVE		43,72			X
1201A	1A ESP, INLET WATER SEAL VALVE		33,75			X
1201B	1A ESP, INLET WATER SEAL VALVE		33,74			X
1207A	"A" ESP, DISCHARGE WATER SEAL VALVE		43,80			X
1207B	"A" ESP, DISCHARGE WATER SEAL VALVE		43,78			X
1208A	"A" ESP, INLETE WATER SEAL VALVE		33,84			X
1208B	"A" ESP, INLETE WATER SEAL VALVE		33,83			X
1210A	"A" ESP, DISCHARGE WATER SEAL VALVE		37,79			X
1210B	"A" ESP, DISCHARGE WATER SEAL VALVE		39,77			X
1211A	"A" ESP, SOUTH COMPARTMENT PURGE VALVE		39,78			X

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## ABC COKE DIVISION

ALL ITEMS 1QTR 10000 PPM					
FILE COPY - V.O.C. TAG NUMBERS FOR ABC COKE					
BY-PRODUCT RECOVERY PLANT - GAS SERVICE EQUIPMENT					
NAME	DATE	#2291	READING	O2	
ELECTROSTATIC TAR PRECIPITATOR FLOW	12-9-08	X,Y		X	
1214	"B" ESP, GAS DISCHARGE BLOCK VALVE	43,87		X	
1215	"B" ESP, GAS INLET BLOCK VALVE	33,91		X	
1215A	"B" ESP, INLET WATER SEAL VALVE	33,92		X	
1215B	"B" ESP, INLET WATER SEAL VALVE	33,90		X	
1215C	"B" ESP, INLET WATER SEAL VALVE	33,90		X	
1215D	"B" ESP, INLET WATER SEAL VALVE	33,89		X	
1216	"B" ESP, GAS DISCHARGE BLOCK VALVE	38,88		X	
1216A	"B" ESP, DISCHARGE WATER SEAL VALVE	37,88		X	
1216B	"B" ESP, DISCHARGE WATER SEAL VALVE	39,85		X	
1216C	"B" ESP, DISCHARGE WATER SEAL VALVE	39,86		X	
1216D	"B" ESP, DISCHARGE WATER SEAL VALVE	40,77		X	
1217	"B" ESP, PURGE VALVE	38,89	25 48		
1217A	"B" ESP, PURGE VALVE	38,90		X	
1218	"B" ESP, PURGE VALVE	39,88		X	
1219	"B" ESP, PURGE VALVE	40,88		X	
1220	"C" ESP, GAS DISCHARGE BLOCK VALVE	38,95		X	
1220A	"C" ESP, DISCHARGE WATER SEAL VALVE	37,96		X	
1220B	"C" ESP, DISCHARGE WATER SEAL VALVE	39,93		X	
1220C	"C" ESP, DISCHARGE WATER SEAL VALVE	39,93		X	
1220D	"C" ESP, DISCHARGE WATER SEAL VALVE	40,93		X	
1221	"C" ESP, GAS INLET BLOCK VALVE	33,99		X	
1221A	"C" ESP, GAS INLET WATER SEAL VALVE	33,100		X	
1221B	"C" ESP, GAS INLET WATER SEAL VALVE	33,99		X	
1221C	"C" ESP, GAS INLET WATER SEAL VALVE	33,98		X	
1221D	"C" ESP, GAS INLET WATER SEAL VALVE	33,97		X	
1222	"C" ESP, GAS INLET STEAM CONNECTION VALVE	37,98		X	
1223	"C" ESP, PURGE VALVE	39,97		X	
1224	"C" ESP, PURGE VALVE	39,96		X	
1225	"C" ESP, PURGE VALVE	40,96		X	
1226	A ESP STEAM VALVE	37,79	25 31		
1227	A ESP STEAM VALVE	37,83	31		
1228	B ESP STEAM VALVE	37,87	31		
1229	B ESP STEAM VALVE	37,90	53		
1230	B ESP VENT VALVE	36,89	41		
1231	C ESP STEAM VALVE	37,95	59		
1232	C ESP STEAM VALVE	37,99	53		
1233	C ESP VENT VALVE	37,94	55		
1234	C ESP VENT VALVE	36,94	55		
1235	2ND BLOCK ON A ESP		53		
1235A	A ESP, DISCHARGE WATER SEAL VALVE		53		
1235B	A ESP, DISCHARGE WATER SEAL VALVE		53		

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## ABC COKE DIVISION

	ALL ITEMS 1QTR 10000 PPM					
	FILE COPY - V.O.C. TAG NUMBERS FOR ABC COKE					
	BY-PRODUCT RECOVERY PLANT - GAS SERVICE EQUIPMENT					
	NAME <i>BO</i> DATE <i>12-5-88</i>		#2291			
SERIES	COMPONENT LOCATION (EQUIPMENT FLOW)	BZ	COORD	READING	O2	
SERIES	AMMONIA ABSORBER		X,Y	BG	ACT	MH
1300	AMMONIA STILL VENT		44,92	<i>25</i>	<i>50.</i>	
1300A	AMMONIA STILL VENT		44,98		<i>50.</i>	
1301	AMMONIA ABSORBER, GAS INLET BLOCK VALVE		51,108			X
1302	AMMONIA ABSORBER, GAS BY-PASS VALVE		50,109			X
1303	AMMONIA ABSORBER, GAS DISCHARGE BLOCK VALVE		54,113			X
1304	AMMONIA ABSORBER, TAR DRAIN LINE STEAM CONNECTION VALVE		49,109		<i>123.</i>	
1305	AMMONIA ABSORBER, INLET GAS TAR DRAIN BLOCK VALVE		49,108		<i>50</i>	
1306	AMMONIA ABSORBER, TAR DRAIN LINE STEAM CONNECTION VALVE		49,109		<i>50.</i>	
1308	AMMONIA ABSORBER, GAS DIFFERENTIAL PRESSURE TAP VALVE		52,67			X
1309	AMMONIA ABSORBER, INLET GAS STEAM CONNECTION VALVE		52,108			X
1310	AMMONIA ABSORBER, STEAM LINE VALVE		56,105		<i>25.</i>	
1311	AMMONIA ABSORBER, AMMONIA INJECTION PIPE (NOT IN SERVICE)		57,105			X
1312	AMMONIA ABSORBER, WATER SPRAY VALVE		58,107			X
1313	AMMONIA ABSORBER, WATER SPRAY VALVE		58,108			X
1314	AMMONIA ABSORBER, WATER SPRAY VALVE		56,108			X
1315	AMMONIA ABSORBER, PURGE VALVE		55,110		<i>25</i>	
1316	AMMONIA ABSORBER, GAS DISCHARGE LINE STEAM CONNEC. VALVE		54,110			X
1317	AMMONIA ABSORBER		48,107			X
1319	AMMONIA ABSORBER,		52,112			X
1320	AMMONIA ABSORBER, TAR DRAIN LINE STEAM CONNECTION VALVE		56,111			X
1321	AMMONIA ABSORBER		56,111			X
1332	AMMONIA ABSORBER, WATER SPRAY VALVE		58,107		<i>25.</i>	X
1333	AMMONIA ABSORBER, WATER SPRAY VALVE		58,108		<i>25.</i>	X
1334	AMMONIA ABSORBER, WATER SPRAY VALVE		54,107		<i>25.</i>	X
1335	AMMONIA ABSORBER, WATER SPRAY VALVE		54,109		<i>25.</i>	

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## ABC COKE DIVISION

	ALL ITEMS 1QTR 10000 PPM				
	FILE COPY - V.O.C. TAG NUMBERS FOR ABC COKE				
	BY-PRODUCT RECOVERY PLANT - GAS SERVICE EQUIPMENT				
	NAME <i>BC</i>	DATE <i>12-7-08</i>	#2291		
SERIES	COMPONENT LOCATION (EQUIPMENT FLOW)	COORD	READING	O2	
	SCRUBBER GAS FLOW	BZ X,Y	BG ACT	MH	
1500	EAST INLET BLOCK VALVE	57,136			X
1501	EAST INLET MANIFOLD PRESSURE TAP VALVE	55,137			X
1502	EAST INLET MANIFOLD PRESSURE TAP VALVE	57,137			X
1503	EAST INLET MANIFOLD PRESSURE TAP VALVE	57,136			X
1504	EAST GAS BY-PASS VALVE	56,135			X
1505	EAST GAS DISCHARGE BLOCK VALVE	57,134			X
1506	EAST DISCHARGE PRESSURE TAP VALVE	57,133			X
1507	EAST PRESSURE TAP VALVE	59,135			X
1508	EAST PRESSURE TAP VALVE	61,133			X
1509	PRESS TAP COG LINE EAST SIDE EAST WOS	56,132	50	129	
1510	DEMOED SOUTH EAST WOS INLET	56,130	1	143	
1511	PRESS TAP COG LINE EAST SIDE EAST WOS	56,128		101	
1512	DEMOED SOUTH EAST WOS BYPASS	56,129		79	
1513	DEMOED SOUTH EAST WOS COG OUTLET	56,127		123	
1518	PRESS TAP COG LINE WEST SIDE WEST WOS	71,137		50	
1519	PRESS TAP COG LINE WEST SIDE WEST WOS	71,136			
1520	WEST INLET BLOCK VALVE	70,135			
1521	WEST OUTLET BLOCK VALVE	71,134			
1522	WEST OUTLET DRAIN	71,136			
1523	WEST OUTLET DRAIN	71,136			
1524	TOP WEST WOS VENT	69,136		50	
1525	TOP WEST WOS VENT	68,136		50	
1526	WEST INLET BLOCK VALVE	71,130		185	X
1527	WEST GAS BY-PASS BLOCK VALVE	72,129		123	X
1528	WEST GAS DISCHARGE BLOCK VALVE	71,128		81	X
1570	EAST, WEST ISOLATION VALVE	63,136		95	
1571	1/2" UNDER PI OLD SOUTHWEST WOS INLET	71,130		96	X

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## ABC COKE DIVISION

	ALL ITEMS 1QTR 10000 PPM					
	FILE COPY - V.O.C. TAG NUMBERS FOR ABC COKE					
	BY-PRODUCT RECOVERY PLANT - GAS SERVICE EQUIPMENT					
	NAME <i>BD</i>	DATE <i>12-9-08</i>	BZ	#2291	READING	O2
SERIES	COMPONENT LOCATION (EQUIPMENT FLOW)			COORD	BG	ACT MH
	GAS DISTRIBUTION FLOW			X,Y		
1600	EAST GAS QUADRANGLE BLOCK VALVE			56,124	<i>25</i>	<i>25</i> X
1601	WEST GAS QUADRANGLE BLOCK VALVE			72,124		X
1603	PLANT GAS PRESSURE INSTRUMENT STEAM CONNECTION VALVE			73,126	-	- X
1603A	PLANT GAS PRESSURE INSTRUMENT STEAM CONNECTION VALVE			73,126	<i>25</i>	<i>25</i> X
1604	EAST GAS FLOW PRESSURE TAP VALVE			55,124	<i>25</i>	<i>25</i> X
1605	FLARE LINE BLOCK VALVE			53,122	<i>25</i>	<i>25</i> X
1606	FLARE LINE PURGE CONNECTION VALVE			52,123	<i>25</i>	<i>25</i> X
1607	WEST GAS PI VALVE			72,125	<i>25</i>	<i>25</i>
1608	WEST DEMOED WOS BLOCK VALVE VENT				<i>25</i>	<i>25</i>

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## ABC COKE DIVISION

	ALL ITEMS 1QTR 10000 PPM					
	FILE COPY - V.O.C. TAG NUMBERS FOR ABC COKE					
	BY-PRODUCT RECOVERY PLANT - GAS SERVICE EQUIPMENT					
	NAME <i>BD</i> DATE <i>12-9-08</i>		#2291	READING		
SERIES	COMPONENT LOCATION (EQUIPMENT FLOW)	BZ	COORD	BG	ACT	O2
SERIES	FLARE STACK GAS FLOW		X,Y			MH
1800	FLARE STACK WATER SEAL BLOCK VALVE		10,136			X
1801	FLARE STACK STEAM CONNECTION BLOCK VALVE		12,132			X
1802	FLARE STACK STEAM CONNECTION BLOCK VALVE		12,132			X
1803	FLARE STACK 3 INCH BY-PASS VALVE		8,135			X
1804	FLARE STACK CONTROL LOOP VALVE		7,135	20	42	
1805	FLARE STACK MANUAL BLOCK VALVE		5,134		25	
1806	COG LINE DRAIN		3,133		25	
1807	COG LINE BLOCK		4,132		33	
1808	FLARE STACK STEAM CONNECTION VALVE		4,131		20	
1809	FLARE STACK CONDENSATE DRAIN VALVE		3,134		20	
1810	FLARE STACK CONDENSATE DRAIN VALVE		3,138		20	
1811	FLARE STACK STEAM CONNECTION VALVE		4,139		37	
1812	FLARE STACK STEAM CONNECTION VALVE		5,130		35	
1813	FLARE STACK STEAM CONNECTION VALVE		5,131		20	
1814	TANK BYPASS		5,131		20	
1815	FLARE STACK STEAM CONNECTION VALVE		5,129		42	
1816	FLARE STACK STEAM CONNECTION VALVE		9,154		48	
1819	STACK WATER		7,154		20	
1820	STACK STEAM		7,134		20	
1821					20	

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## ABC COKE DIVISION

	ALL ITEMS 1QTR 10000 PPM					
	FILE COPY - V.O.C. TAG NUMBERS FOR ABC COKE					
	BENZENE COMPLIANCE PROJECT					
	NAME <i>12-9-08</i> DATE <i>12-9-08</i>		#3015	READING		
SERIES	COMPONENT LOCATION (EQUIPMENT FLOW)	BZ	COORD	BG	ACT	O2
SERIES	GAS BLANKETING		X,Y			MH
V1900	CROSSOVER MAIN		61,131	25	25	X
V1901	CONTROL STA BYPASS		71,119	5	5	X
V1902	CONTROL STA BYPASS		69,113			X
V1903	CONTROL STA BYPASS		71,108			X
V1904	CONTROL STA TOP OF EXIST TWR.		61,118			X
V1905	CONTROL STA TOP OF EXIST TWR.		60,114			X
V1906	CONTROL STA TOP OF EXIST TWR.		61,113			X
V1907	CONTROL STA TOP OF EXIST TWR.		63,108			X
V1908	CONTROL STA TOP OF EXIST TWR.		62,107			X
V1909	CONTROL STA TOP OF EXIST TWR.		63,95			X
V1910	CONTROL STA TOP OF EXIST TWR.		71,95			X
V1911	CONTROL STA TOP OF EXIST TWR.		71,97			X
V1912	TOP OF WEST TAR STR. TANK		63,28	5	5	
V1913	TOP OF WEST TAR STR. TANK		39,11			
V1914	TOP OF WEST TAR STR. TANK		38,9			
V1915	TOP OF WEST TAR STR. TANK		37,11			
V1916	TOP OF WEST TAR STR. TANK		36,13			
V1917	TOP OF EAST TAR TANK		54,31			
V1918	TOP OF EAST TAR TANK		71,33			
V1919	TOP OF EAST TAR TANK		74,33			
V1920	TOP OF EAST TAR TANK		78,31			
V1921	TOP OF EAST TAR STR. TANK		39,36			
V1922	TOP OF EAST TAR STR. TANK		38,35			
V1923	TOP OF EAST TAR STR. TANK		37,36			
V201	EAST TAR NATL GAS		22,39			
V202	EAST TAR NATL GAS		22,39			
V203	WEST TAR NATL GAS		26,39			
V204	WEST TAR NATL GAS		26,39			
	ALL ITEMS 1QTR 10000 PPM					

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## ABC COKE DIVISION

	ALL ITEMS ANNUALLY 500 ppm					
	FILE COPY - V.O.C. TAG NUMBERS FOR ABC COKE					
	BY-PRODUCT RECOVERY PLANT - GAS SERVICE EQUIPMENT					
	NAME <i>Be</i>	DATE <i>12-9-08</i>		#2290	READING	
SERIES	COMPONENT LOCATION (EQUIPMENT FLOW)		BZ	COORD	BG	ACT O2
SERIES	WASH OIL SCRUBBERS			X,Y		MH
5100	EWOS SIGHT GLASS			18,26	<i>50</i>	<i>95</i>
5101	EWOS SIGHT GLASS			23,26		<i>81</i>
5102	EWOS PUMP SUCTION			16,19		<i>109</i>
5103	EWOS DRAIN			19,20		<i>88</i>
5104	EWOS DRAIN			23,20		<i>101</i>
5105	EWOS STEAM			25,20		<i>263</i>
5106	WWOS SIGHT GLASS			56,20		<i>127</i>
5107	WWOS SIGHT GLASS			61,24		<i>109</i>
5108	WWOS STEAM			56,24		<i>127</i>
5109	WWOS DRAIN			57,20		<i>143</i>
5110	WWOS DRAIN			61,20		<i>95</i>
5111	WWOS DRAIN			64,20		<i>95</i>

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Appendix CAA E - ABC Coke LDAR Monitoring and Repair Records – 4th Quarter 2008 and 3rd Quarter 2010  
**ABC COKE DIVISION**

	ALL ITEMS 1QTR 10000 PPM					
	FILE COPY - V.O.C. TAG NUMBERS FOR ABC COKE					
	BY-PRODUCT RECOVERY PLANT - GAS SERVICE EQUIPMENT					
	NAME <i>FD</i> DATE <i>12-9-09</i>		#2290	READING		
SERIES	COMPONENT LOCATION (EQUIPMENT FLOW)	BZ	COORD	BG	ACT	O2
SERIES	LIGHT OIL STILL AND PURIFIER		X,Y			MH
6008	STILL OUTLET		8,70	<i>15</i>	<i>15</i>	.
6025	STILL LEVEL INST.		11,67	<i>1</i>	<i>20</i>	.
6026	STILL LEVEL INST.		11,67	<i>1</i>	<i>15</i>	.
6027	STILL LEVEL INST.		20,70	<i>1</i>	<i>15</i>	.
6028	STILL LEVEL INST.		18,70	<i>1</i>	<i>25</i>	.
6029	STILL LEVEL INST.		18,71	<i>1</i>	<i>33</i>	.
6035	LIGHT OIL STILL GAUGE GLASS BLOCK VALVE		20,76	<i>1</i>	<i>15</i>	.
6036	L.O.S., GAUGE GLASS BLOCK VALVE		20,77	<i>1</i>		.
6036A	L.O.S., GAUGE GLASS BLOCK VALVE		20,78	<i>1</i>		.
6037	L.O.S., GAUGE GLASS BLOCK VALVE		24,76	<i>1</i>		.
6038	L.O.S., GAUGE GLASS BLOCK VALVE		24,77	<i>1</i>		.
6039	L.O.S., BASE PRESSURE INSTRUMENT PRESSURE TAP BLOCK VALVE		24,73	<i>1</i>		.
6040	L.O.S., BASE PRESSURE INS. PRESSURE TAP DRAIN VALVE		24,75	<i>1</i>		.
6041	L.O.S., BASE PRESSURE INSTRUMENT BLOCK VALVE		27,77	<i>1</i>		.
6042	L.O.S., BASE PRESSURE INSTRUMENT DRAIN VALVE		28,77	<i>1</i>		.
6043	L.O.S., TRAY #1 PRESSURE TAP BLOCK VALVE		24,70			X
6044	L.O.S., TRAY #2 PRESSURE TAP BLOCK VALVE		25,71			X
6045	L.O.S., TRAY #3 PRESSURE TAP BLOCK VALVE		26,70			X
6046	L.O.S., TRAY #4 PRESSURE TAP BLOCK VALVE		27,71			X
6047	L.O.S., TRAY #5 PRESSURE TAP BLOCK VALVE		28,70			X
6048	L.O.S., TRAY #6 PRESSURE TAP BLOCK VALVE		29,71			X
6049	L.O.S., TRAY #7 PRESSURE TAP BLOCK VALVE		30,70			X
6050	L.O.S., TRAY #8 PRESSURE TAP BLOCK VALVE		31,71			X
6051	L.O.S., TRAY #9 PRESSURE TAP BLOCK VALVE		32,70			X
6052	L.O.S., TRAY #10 PRESSURE TAP BLOCK VALVE		33,71			X
6053	L.O.S., TRAY #11 PRESSURE TAP BLOCK VALVE		34,70			X
6054	L.O.S., TRAY #12 PRESSURE TAP BLOCK VALVE		35,71			X
6055	L.O.S., OIL TO PURIFIER BLOCK VALVE		33,72			X
6056	L.O.S., OIL FROM DECANter BLOCK VALVE		15,44			X
6057	L.O.S., OIL BLOCK VALVE		15,46			X
6063	PURIFIER INLET LOW PRESSURE STEAM PRESSURE TAP BLOCK VALV		12,47	<i>15</i>	<i>27</i>	.
6065	PURIFIER LOW PRESSURE STEAM TO STILL INLET BLOCK VALVE		11,43	<i>1</i>	<i>21</i>	.
6066	CRUDE RESIDUE COLUMN DRAIN		10,92	<i>1</i>	<i>15</i>	.
6067	STEAM INLET TO WO STILL		20,53	<i>1</i>	<i>15</i>	.
6068	STEAM INLET TO WO STILL		21,48	<i>1</i>	<i>15</i>	.

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## ABC COKE DIVISION

	ALL ITEMS 1QTR 10000 PPM				
	FILE COPY - V.O.C. TAG NUMBERS FOR ABC COKE				
	BY-PRODUCT RECOVERY PLANT - GAS SERVICE EQUIPMENT				
	NAME <i>HO</i>	DATE <i>1030-08</i>	#2290	READING	
SERIES	COMPONENT LOCATION (EQUIPMENT FLOW)	BZ	COORD	BG	ACT O2
SERIES	HEAT EXCHANGER FLOWS		X,Y		MH
6100	LIGHT OIL VAPOR COOLER CONDENSATE PRESSURE TAP VALVE	BZ	64,82	0	0
6101	LIGHT OIL VAPOR COOLER CONDENSATE BLOCK VALVE	BZ	64,80		
6102	VAPOR TO OIL HEAT EXCHANGER CONDENSATE PRESSURE TAP VALVE	BZ	59,81		
6103	VAPOR TO OIL HEAT EXCHANGER CONDENSATE BLOCK VALVE	BZ	59,80		
6104	LIGHT OIL VAPOR COOLER DISCHARGE BLOCK VALVE	BZ	63,84		X
6105	LIGHT OIL VAPOR COOLER BY-PASS VALVE	BZ	62,87		
6106	LIGHT OIL VAPOR COOLER INLET BLOCK VALVE	BZ	61,84		
6107	VAPOR TO OIL HEAT EXCHANGER DISCHARGE VAPOR BLOCK VALVE	BZ	58,85		
6108	VAPOR TO OIL HEAT EXCHANGER INLET VAPOR BLOCK VALVE	BZ	57,85		X
6105A	VAPOR TO OIL HEAT EXCHANGER BY-PASS VAPOR BLOCK VALVE	BZ	60,86		
6125	LIGHT OIL CONDENSER, INLET VAPOR PRESSURE TAP VALVE	BZ	40,82		X
6126	LIGHT OIL CONDENSER, DISCHARGE PRESSURE TAP BLOCK VALVE	BZ	42,84		
6127	LIGHT OIL CONDENSER, DISCHARGE PRESSURE TAP VALVE	BZ	41,85		
6128	AFTERCOOLER DISCHARGE PRESSURE TAP VALVE	BZ	42,89		
6130	AFTERCOOLER DISCHARGE PRESSURE TAP BLOCK VALVE	BZ	42,90		
6131	LO FLOW METER	BZ	20,101		X
6132	LO FLOW METER	BZ	20,100		X
6133	LO FLOW METER	BZ	18,100		
6134	LO FLOW METER	BZ	17,100		
6135	LO FLOW METER	BZ	17,100		
6136	LO FLOW METER	BZ	17,101		
6137	LO FLOW METER	BZ	17,101		

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## ABC COKE DIVISION

	ALL ITEMS 1QTR 10000 PPM					
	FILE COPY - V.O.C. TAG NUMBERS FOR ABC COKE					
	BY-PRODUCT RECOVERY PLANT - GAS SERVICE EQUIPMENT					
	NAME <i>BP</i> DATE <i>12-9-08</i>		#2290	READING		
SERIES	COMPONENT LOCATION (EQUIPMENT FLOW)	BZ	COORD	BG	ACT	O2
SERIES	CRUDE RESIDUE COLUMN		X,Y			MH
V6200	C.R.C. DISCHARGE BLOCK VALVE		7,85	15	21	
V6201	C.R.C. DISCHARGE BLOCK VALVE		6,84	1	21	
V6202	C.R.C. SECONDARY OIL LINE STEAM CONNECTION VALVE		5,81		21	
V6203	C.R.C. OIL AND LIQUOR MIXING LINE STEAM CONNECTION VALVE		10,80		15	
V6204	C.R.C. SECONDARY OIL DISCHARGE BLOCK VALVE		9,81			
V6206	C.R.C. SECONDARY OIL LEG SEAL STEAM CONNECTION VALVE		11,85			
V6207	C.R.C. SECONDARY OIL LEG SEAL STEAM CONNECTION VALVE		12,86			
V6208	C.R.C. LEVEL GAUGE GLASS DRAIN VALVE		16,89			
V6209	C.R.C. LEVEL GAUGE GLASS BLOCK VALVE		17,89			
V6210	C.R.C. LEVEL GAUGE GLASS BLOCK VALVE		17,88			
V6211	C.R.C. SECONDARY OIL DISCHARGE BLOCK VALVE		20,88			
V6212	C.R.C. LEVEL GAUGE GLASS BLOCK VALVE		21,89			
V6213	C.R.C. LEVEL GAUGE GLASS BLOCK VALVE		21,88			
V6214	C.R.C. BOTTOM PRESSURE TAP BLOCK VALVE		22,88			
V6215	C.R.C. SECONDARY OIL STEAM CONNECTION VALVE		21,87			
V6216	C.R.C. WATER DISCHARGE BLOCK VALVE		21,84		33	
V6217	C.R.C. SECONDARY OIL STEAM CONNECTION VALVE		21,84		27	
V6218	C.R.C. WATER WEIR VALVE		22,83		27	
V6218A	C.R.C. WATER OVERFLOW SIGHTGLASS STEAM CONNECTION VALVE		22,81		27	
V6218C	C.R.C. WATER OVERFLOW SIGHTGLASS STEAM CONNECTION VALVE		22,81		27	
V6219	C.R.C. BOTTOM PRESSURE TAP BLOCK VALVE		24,92		20	
V6220	C.R.C. BOTTOM PRESSURE TAP BLOCK VALVE		25,93		20	
V6221	C.R.C. TOP PRESSURE INSTRUMENT STEAM CONNECTION VALVE		27,74		15	
V6222	C.R.C. TOP PRESSURE INSTRUMENT BLOCK VALVE		27,80			
V6223	C.R.C. BOTTOM PRESSURE INSTRUMENT STEAM CONNECTION VALVE		27,82			
V6224	C.R.C. BOTTOM PRESSURE INSTRUMENT BLOCK VALVE		27,83			X
V6225	C.R.C. #1 TRAY PRESSURE TAP BLOCK VALVE		26,86			X
V6226	C.R.C. #2 TRAY PRESSURE TAP BLOCK VALVE		27,87			X
V6227	C.R.C. #3 TRAY PRESSURE TAP BLOCK VALVE		28,86			X
V6228	C.R.C. #4 TRAY PRESSURE TAP BLOCK VALVE		29,87			X
V6229	C.R.C. #5 TRAY PRESSURE TAP BLOCK VALVE		30,86			X
V6230	C.R.C. #6 TRAY PRESSURE TAP BLOCK VALVE		31,87			X
V6231	C.R.C. #7 TRAY PRESSURE TAP BLOCK VALVE		32,86			X
V6232	C.R.C. #8 TRAY PRESSURE TAP BLOCK VALVE		33,87			X
V6233	C.R.C. #9 TRAY PRESSURE TAP BLOCK VALVE		34,86			X
V6234	C.R.C. #10 TRAY PRESSURE TAP BLOCK VALVE		35,87			X
V6235	C.R.C. WATER LEG SEAL STEAM CONNECTION VALVE		5,84			X

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## ABC COKE DIVISION

	ALL ITEMS 1QTR 10000 PPM					
	FILE COPY - V.O.C. TAG NUMBERS FOR ABC COKE					
	BENZENE COMPLIANCE PROJECT					
	NAME <i>RD</i> DATE <i>10-13-08</i>		#2290	READING	O2	
SERIES	COMPONENT LOCATION (EQUIPMENT FLOW)	BZ	COORD	BG	ACT	MH
SERIES	L.O. PUMP REPLACEMENT		X,Y			
V6343	NEAR BTX SEPARATOR TANK	BZ	40,35	<i>40</i>	<i>40</i>	<i>1</i>
V6344	NEAR BTX SEPARATOR TANK	BZ	30,58	<i> </i>	<i> </i>	<i>.</i>
V6345	NEAR BTX SEPARATOR TANK	BZ	29,61	<i> </i>	<i> </i>	<i>.</i>
V6346	NEAR BTX SEPARATOR TANK	BZ	33,78	<i> </i>	<i> </i>	<i>.</i>
V6347	NEAR BTX SEPARATOR TANK	BZ	31,86	<i> </i>	<i> </i>	<i>.</i>
V6348	NEAR BTX SEPARATOR TANK	BZ	31,81	<i> </i>	<i> </i>	<i>.</i>
V6349	NEAR BTX SEPARATOR TANK	BZ	50,58	<i> </i>	<i> </i>	<i>.</i>
V6350	NEAR BTX SEPARATOR TANK	BZ	48,61	<i> </i>	<i> </i>	<i>.</i>
V6351	NEAR BTX SEPARATOR TANK	BZ	52,78	<i> </i>	<i> </i>	<i>.</i>
V6352	NEAR BTX SEPARATOR TANK	BZ	50,81	<i> </i>	<i> </i>	<i>.</i>
V6353	NEAR BTX SEPARATOR TANK	BZ	50,86	<i> </i>	<i> </i>	<i>.</i>
V6354	NEAR BTX SEPARATOR TANK	BZ	38,100	<i> </i>	<i> </i>	<i>.</i>
V6355	NEAR BTX SEPARATOR TANK	BZ	32,119	<i> </i>	<i>81</i>	<i>.</i>
V6356	NEAR BTX SEPARATOR TANK	BZ	29,120	<i> </i>	<i>40</i>	<i>.</i>
V6357	NEAR BTX SEPARATOR TANK	BZ	30,121	<i> </i>	<i> </i>	<i>.</i>
V6358	NEAR BTX SEPARATOR TANK	BZ	29,123	<i> </i>	<i> </i>	<i>.</i>
V6359	NEAR BTX SEPARATOR TANK	BZ	33,124	<i> </i>	<i> </i>	<i>.</i>
V6360	NEAR BTX SEPARATOR TANK	BZ	35,121	<i> </i>	<i> </i>	<i>.</i>
V6361	NEAR BTX SEPARATOR TANK	BZ	40,103	<i> </i>	<i> </i>	<i>.</i>

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## ABC COKE DIVISION

	ALL ITEMS 1QTR 10000 PPM				
	FILE COPY - V.O.C. TAG NUMBERS FOR ABC COKE				
	BENZENE COMPLIANCE PROJECT				
	NAME <i>RD</i> DATE <i>10-13-08</i>		#2290	READING	
SERIES	COMPONENT LOCATION (EQUIPMENT FLOW)	BZ	COORD	BG	ACT
SERIES	LIGHT OIL INJECTION		X,Y		O2 MH
V6450	BTX STORAGE TANK AREA	BZ		15	15
V6453	BTX STORAGE TANK AREA	BZ	67,133		
V6454	BTX STORAGE TANK AREA	BZ	85,125		
V6455	BTX STORAGE TANK AREA	BZ	86,123		
V6456	BTX STORAGE TANK AREA	BZ	75,119		
V6457	BTX STORAGE TANK AREA	BZ	74,122		
V6458	BTX STORAGE TANK AREA	BZ	8,135		
V6459	BTX STORAGE TANK AREA	BZ	67,119		
V6460	BTX STORAGE TANK AREA	BZ	69,121		
V6461	BTX STORAGE TANK AREA	BZ	5,141		
V6462	BTX STORAGE TANK AREA	BZ	3,141		
V6463	BTX STORAGE TANK AREA	BZ	77,98		
V6464	BTX STORAGE TANK AREA	BZ	79,91		
V6465	BTX STORAGE TANK AREA	BZ	78,89		30
V6466	BTX STORAGE TANK AREA	BZ	6,143		15
V6467	BTX STORAGE TANK AREA	BZ	6,142		
V6468	BTX STORAGE TANK AREA	BZ	5,141		
V6469	BTX STORAGE TANK AREA	BZ	67,89		
V6470	BTX STORAGE TANK AREA	BZ	6,139		
V6471	BTX STORAGE TANK AREA	BZ	67,107		
V6472	BTX STORAGE TANK AREA	BZ	66,100		
V6473	BTX STORAGE TANK AREA	BZ	67,101		
V6474	BTX STORAGE TANK AREA	BZ	66,101		
V6475	BTX STORAGE TANK AREA	BZ	66,90		
V6476	BTX STORAGE TANK AREA	BZ	66,78		
V6477	BTX STORAGE TANK AREA	BZ	62		
V6478	BTX STORAGE TANK AREA	BZ	66,101		
P6479	BTX STORAGE TANK AREA	BZ	66,99		
V6481	BTX STORAGE TANK AREA	BZ	78,108		
V6482	BTX STORAGE TANK AREA	BZ	7,157		
V6483	BTX STORAGE TANK AREA	BZ	10,159		
V6484	BTX STORAGE TANK AREA	BZ	18,158		
V6485	BTX STORAGE TANK AREA	BZ	17,158		
V6486	BTX STORAGE TANK AREA PRV	BZ	21,148		
V6487	BTX STORAGE TANK AREA PRV	BZ	21,141		27
V6488	BTX STORAGE TANK AREA	BZ	17,134		15
V6489	BTX STORAGE TANK AREA	BZ	18,134		
V6490	BTX STORAGE TANK AREA	BZ	21,134		
V6491	BTX STORAGE TANK AREA	BZ	22,134		
V6492	BTX STORAGE TANK AREA	BZ	22,133		
V6493	BTX STORAGE TANK AREA	BZ	15,140		
V6494	BTX STORAGE TANK AREA	BZ	15,148		

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## ABC COKE DIVISION

V6495	BTX STORAGE TANK AREA				15	15	
P6496	BTX STORAGE TANK AREA				15	15	
	ALL ITEMS 1QTR 10000 PPM						
	FILE COPY - V.O.C. TAG NUMBERS FOR ABC COKE						
	BENZENE COMPLIANCE PROJECT						
	NAME <i>KB</i> DATE <i>10-13-08</i>						
			#3016	READING			
SERIES	COMPONENT LOCATION (EQUIPMENT FLOW)	BZ	COORD	BG	ACT	O2	
SERIES	VENT CAPTURE		X,Y			MH	
V6600	EXIST SUCT. MAIN BATTERY 5 & 6		61,16			X	
V6601	BG-1130 DRAIN		60,27	5	5		
V6602	BG PRESS. CONTROL VLV BYPASS		70,32				
V6603	BYPASS DRAIN		69,38				
V6604	PCV ISOLATION VALVE		61,34				
V6606	HEADER DRAIN		60,39				
V6608	PCV 250 ISOLATION VALVE		61,41				
V6609	4-WAY RELEASE TO ATM. ISOLATION		85,49				
V6610	4-WAY PURGE VALVE		83,46				
V6611	PRV-250 HEADER		64,53				
V6612	TOP OF T.B.F.C. DECANter		84,101				
V6613	TOP OF T.B.F.C. DECANter		83,99				
V6614	TOP OF T.B.F.C. DECANter		81,101				
V6615	HEADER STEAM-OUT		62,66				
V6616	DRAIN ISOLATION VALVE AT E-706A&B		32,50				
V6617	PI-264 ISOLATION AT PVRV-264 REDUCING STATION		29,78				
V6618	STEAM-OUT AT REDUCING STATION		29,80				
V6619	PVRV 264		33,81				
V6620	STEAM-OUT AT REDUCING STATION		34,76				
V6621	ABOVE PLATFORM EL-554'-0" AT CRUDE RESIDUE STILL		24,95				
V6622	ABOVE PLATFORM EL-554'-0" AT CRUDE RESIDUE STILL		22,94				
V6623	BETWEEN BTX SEPARATOR & CRUDE RESIDUE STILL		50,116				
V6624	TOP OF BTX SEPARATOR	BZ	36,136			X	
V6625	TOP OF BTX SEPARATOR		35,135			X	
V6626	TOP OF BTX SEPARATOR		33,137			X	
V6627	ABOVE PLATFORM EL-554'-0" AT CRUDE RESIDUE STILL		20,99	5	5		
V6628	SWEEP STEAM BTX COOLER CONDENSER		27,53		109		
V6629	FLUSHING LIQUOR AT BTX COOLER COND.		34,49		38		
V6631	SWEEP STEAM AT PRESSURE CONTROLLER		57,39				
V6632	SWEEP STEAM AT PRESSURE CONTROLLER		61,29				
V6633	SWEEP STEAM AT CRUDE RESIDUE COLUMN		30,95				
V6634	SWEEP STEAM AT BTX SEPARATOR	BZ	39,135		5	X	
V6635	FLUSHING LIQUOR AT BTX SEPARATOR	BZ	49,114		5	X	
V6636	BLOCK VALVE AT COOLER COND.	BZ	29,53		15		
V6637	BLOCK VALVE AT COOLER COND.	BZ	26,58		33		
V6638	SWEEP STEAM AT WASH OIL DECANter		82,121		5		
V6639	THREE WAY VENT AT WASH OIL DECANter		79,121		5		
V6640	THREE WAY VENT AT PUMP TANK		78,130		72	X	
V6641	SWEEP STEAM AT PUMP TANK		82,130		81	X	
V6642	AUTO CONTROL VALVE TOP W.O. DECANter		93,130		72		
V6643	CHAIN VALVE TOP SUCTION MAIN		93,139		56	X	
V6644	PRV AT PUMP TANK		79,135		56	X	
V6645	PRV AT DECANter		79,115		54		
V6646	1/2" INST CONN AT CONTROL VALVE		94,128		84		
V6647	1/2" PI VALVE AT CRUDE RESIDUE COL PRV		16,94		5		
V6648	LOADING PUMP SUCTION DRAIN		7,140		5		
V6649	PVRV 262 PROCESS WATER DECANter		78,86		5		
V6650	1" BLANK LINES ON SIDE PUMP TANK		73,138		5		

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## ABC COKE DIVISION

V6651	1" BLANK LINES ON SIDE PUMP TANK		72,138	5	5	
	FILE COPY - V.O.C. TAG NUMBERS FOR ABC COKE					
	BENZENE COMPLIANCE PROJECT					
	NAME <i>BO</i>	DATE <i>12-9-08</i>	#3016	READING		
SERIES	COMPONENT LOCATION (EQUIPMENT FLOW)	BZ	COORD	BG	ACT	O2
SERIES	VENT CAPTURE		X,Y			MH
V6652	1" BLANK LINES ON SIDE PUMP TANK		71,138	5	5	
V6653	LEVEL INST ON SIDE PUMP TANK		68,138			
V6654	LEVEL INST ON SIDE PUMP TANK		68,128			
V6655	CROSS OVER LINE		75,127			
V6656	PUMP SUCTION LINE PUMP TANK		64,137			
V6657	PUMP SUCTION LINE PUMP TANK		62,137			
V6658	PUMP SUCTION LINE PUMP TANK		62,132			
V6659	PUMP SUCTION LINE PUMP TANK		62,132			
V6660	CROSS OVER LINE		75,122			
V6661	DECANTER BOTTOM OUTLET		65,117			
V6662	DECANTER BOTTOM OUTLET		66,115			
V6663	DECANTER BOTTOM OUTLET		66,115			
V6664	DECANTER SIDE SAMPLE LINES		74,114			
V6665	DECANTER SIDE SAMPLE LINES		75,115			
V6666	DECANTER SIDE SAMPLE LINES		76,116			
V6667	DECANTER SIDE SAMPLE LINES		77,117			
V6668	DECANTER SIDE SAMPLE LINES		78,118			
V6669	DECANTER SIDE SAMPLE LINES		79,119			
V6670	PWD PUMP SUCTION		67,103			
V6671	PWD DRAIN		67,98			
V6672	PWD DRAIN		67,90			
V6673	PWD DRAIN		68,90			
V6674	PWD DRAIN		67,89			
V6675	PWD LI		67,85			
V6676	PWD LI		76,87			
V6677	PWD LI		76,88			
V6678	PWD WATER MAKE UP		79,88			
V6679	PWD WATER MAKE UP		79,89			
V6680	PWD TOP VALVES		79,92			

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## ABC COKE DIVISION

V6681	PWD TOP VALVES		79,96	5	5	
V6682	PWD TOP VALVES		79,99	5	5	
V6683	PWD SKIMMER DRAIN					
	ALL ITEMS 1QTR 10000 PPM					
	FILE COPY - V.O.C. TAG NUMBERS FOR ABC COKE					
	BENZENE COMPLIANCE PROJECT					
	NAME <i>BA</i> DATE <i>12-9-08</i>		#3015	READING		
SERIES	COMPONENT LOCATION (EQUIPMENT FLOW)	BZ	COORD	BG	ACT	O2 MH
SERIES	GAS BLANKETING		X,Y			
V1924	TOP OF EAST TAR STR. TANK		36,38	5	5	
V1925	TOP OF WEST F.L. DECANter		34,64	0	0	
V1926	TOP OF WEST F.L. DECANter		33,62	1	1	
V1927	TOP OF WEST F.L. DECANter		31,62	1	1	
V1928	TOP OF EAST F.L. DECANter		34,88	1	1	
V1929	TOP OF EAST F.L. DECANter		33,86	1	1	
V1930	TOP OF EAST F.L. DECANter		31,86	1	1	
V1931	IN RACK BET. F.L. DECANterS		51,103	1	1	
V1932	TOP OF FLUSHING LIQ. CIRC. TANK		35,107	25	25	
V1933	TOP OF FLUSHING LIQ. CIRC. TANK		34,105	25	100	
V1934	TOP OF FLUSHING LIQ. CIRC. TANK		32,109	25	25	
V1935	TOP OF PRIMARY COOLER SUMP		30,132	20	20	
V1936	TOP OF PRIMARY COOLER SUMP		29,130	20	25	
V1937	TOP OF PRIMARY COOLER SUMP		28,134	20	43	
V1938	TOP OF EAST TAR TANK		63,43	5	5	
V1939	TOP OF EAST TAR TANK		71,43	1	1	
V1940	TOP OF EAST TAR TANK		71,44	1	1	
V1941	PRV EAST TAR DECANter		90,30	0	10	
V1942	PRV WEST TAR DECANter		66,30	0	41	
V1943	PRV FLUSHING LIQ TANK		109,30	25	25	
V1944	PRV EAST TAR TANK		36,33	5	13	
V1945	PRV WESTTAR TANK		10,33	5	23	
V1946	1/2 VALVE NORTH SIDE EAST TANK		39,30	0	0	
V1947	PRV PRIMARY COOLERSUMP		25,131	20	107	
V1948	TOP EAST TAR DECANter		27,77	0	0	
V1949	TOP EAST TAR DECANter		27,78	1	1	
V1950	TOP WEST TAR DECANter		27,51	1	1	
V1951	TOP WEST TAR DECANter		27,53	1	1	
V1952	TOP FLUSHING LIQUOR TANK		27,110	25	25	
V1953	TOP FLUSHING LIQUOR TANK		27,111	25	25	
V1954	2' TOP PRIMARY COOLER SUMP		27,130	20	20	
V1955	TOP FLUSHING LIQUOR TANK		31,110	25	25	
V1956	TOP FLUSHING LIQUOR TANK		32,110	25	25	
V1957	LIQUOR INLET EAST		24,89	0	10	
V1958	LIQUOR INLET EAST		22,89	1	25	
V1959	LIQUOR INLET EAST		19,89	1	0	
V1960	LIQUOR INLET WEST		24,65	1	1	
V1961	LIQUOR INLET WEST		22,65	1	1	
V1962	LIQUOR INLET WEST		19,65	1	1	

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10 37

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## ABC COKE DIVISION

V1963	EAST TAR OUTLET TAR DECANTER		21,91	0	0	
V1964	WEST TAR OUTLET TAR DECANTER		21,68	0	0	
	ALL ITEMS 1QTR 10000 PPM					
	ALL ITEMS ANNUALLY 500 ppm					
	FILE COPY - V.O.C. TAG NUMBERS FOR ABC COKE					
	BENZENE COMPLIANCE PROJECT					
	NAME <i>BD</i> DATE <i>12-3-01</i>		#3015	READING		
SERIES	COMPONENT LOCATION (EQUIPMENT FLOW)	BZ	COORD	BG	ACT	O2
SERIES	GAS BLANKETING		X,Y			MH
V1965	TAR DEC EQ LINE		26,76	30	41	
V1966	TAR DEC EQ LINE		24,75	1	41	
V1967	TAR DEC EQ LINE		26,70	1	53	
V1968	TAR DEC EQ LINE		24,71	1	45	
V1969	WEST DEC BLANK		26,68	1	30	
V1970	EAST DEC BLANK		26,93	1	31	
V1971	EAST DEC SAMPLE TAP		26,82	40	40	
V1972	EAST DEC SAMPLE TAP		25,82	1	1	
V1973	EAST DEC SAMPLE TAP		24,83	1	1	
V1974	EAST DEC SAMPLE TAP		23,83	1	1	
V1975	EAST DEC SAMPLE TAP		22,83	1	61	
V1976	EAST DEC SAMPLE TAP		21,84	1	123	
V1977	WEST DEC SAMPLE TAP		26,57	1	109	
V1978	WEST DEC SAMPLE TAP		25,57	1	115	
V1979	WEST DEC SAMPLE TAP		24,57	1	101	
V1980	WEST DEC SAMPLE TAP		23,57	1	123	
V1981	WEST DEC SAMPLE TAP		22,57	1	114	
V1982	WEST DEC SAMPLE TAP		21,57	1	114	
V1983	FLUSHING LIQ TK DRAIN		22,108	30	20	
V1984	FLUSHING LIQ TK DRAIN		23,115	1	1	
V1985	FLUSHING LIQ TK DRAIN		25,115	1	1	
V1986	FLUSHING LIQ TK PUMP SUCTION		24,106	1	1	
V1987	FLUSHING LIQ TK PUMP SUCTION		24,110	1	1	
V1988	FLUSHING LIQ TK PUMP SUCTION		24,113	1	1	
V1989	WEST TAR TANK OUTLET		18,5	0	0	
V1990	WEST TAR TANK OUTLET		18,7	1	1	
V1991	WEST TAR TANK OUTLET		18,8	1	1	
V1992	WEST TAR TANK OUTLET		18,10	1	1	
V1993	WEST TAR TANK OUTLET		18,13	1	1	
V1994	WEST TAR TANK OUTLET		18,14	1	1	
V1995	WEST TAR TANK OUTLET		18,16	1	1	
V1996	EAST TAR TANK OUTLET		18,32	1	1	
V1997	EAST TAR TANK OUTLET		18,33	1	1	
V1998	EAST TAR TANK OUTLET		18,34	1	1	

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## ABC COKE DIVISION

V1999	EAST TAR TANK OUTLET		18,38	0	0	
V2000	EAST TAR TANK OUTLET		18,40	1	1	
V2001	EAST TAR TANK OUTLET		18,42	1	1	
FILE COPY - V.O.C. TAG NUMBERS FOR ABC COKE						
BENZENE COMPLIANCE PROJECT						
NAME <i>BO</i> DATE <i>10-21-08</i>			#2290	READING		
SERIES	COMPONENT LOCATION (EQUIPMENT FLOW)	BZ	COORD	BG	ACT	O2
SERIES	BTX VENT SYSTEM		X,Y			MH
V7001	BTX VENT SYSTEM	BZ	14,160	15	15	
V7004	BTX VENT SYSTEM	BZ	17,151			
V7005	BTX VENT SYSTEM	BZ	18,142			
V7007	BTX VENT SYSTEM	BZ	18,143			
V7008	BTX VENT SYSTEM	BZ	25,142			
V7009	BTX VENT SYSTEM	BZ	16,160			
V7010	BTX VENT SYSTEM	BZ	24,137			
V7011	BTX VENT SYSTEM	BZ	17,145			
V7014	BTX VENT SYSTEM	BZ	17,153			
V7015	BTX VENT SYSTEM	BZ	18,155			
V7016	BTX VENT SYSTEM	BZ	18,156			
V7018	BTX VENT SYSTEM	BZ	21,152			
V7019	BTX VENT SYSTEM	BZ	17,156			
V7020	BTX VENT SYSTEM	BZ	24,151			
V7021	BTX VENT SYSTEM	BZ	17,155			
V7022	BTX VENT SYSTEM					
ALL ITEMS 1QTR 10000 PPM						
ALL ITEMS ANNUALLY 500 ppm						

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## ABC COKE DIVISION

FILE COPY - V.O.C./BZ TAG NUMBERS FOR ABC COKE					
BY-PRODUCT RECOVERY PLANT - GAS SERVICE EQUIPMENT					
NAME	DATE		#2291 READING		
SERIES	COMPONENT	LOCATION (EQUIPMENT FLOW)	BZ	COORD	BG ACT
EXHAUSTERS			X,Y		
1102	#1 EXHAUSTER BY-PASS VALAVE		27,76	280	280
1103	#1 EXHAUSTER STEAM CONNECTION VALVE		26,74	110	192
1104	#1 EXHAUSTER DISCHARGE BLOCK VALVE		26,70		
1105	#1 EXHAUSTER TAR DRAIN BLOCK VALVE		28,73		
1106	#1 EXHAUSTER TAR DRAIN BLOCK VALVE		28,75		
1107	#1 EXHAUSTER TAR DRAIN BLOCK VALVE		28,76		
1108	#1 EXHAUSTER TAR DRAIN BLOCK VALVE		28,77		
1109	#1 EXHAUSTER TAR DRAIN BLOCK VALVE		28,79		
1112	#2 EXHAUSTER BY-PASS VALVE		27,92		
1113	#2 EXHAUSTER STEAM CONNECTION VALVE		26,91	110	156
1114	#2 EXHAUSTER DISCHARGE BLOCK VALVE		26,87		
1115	#2 EXHAUSTER TAR DRAIN VALVE		28,89		
1116	#2 EXHAUSTER TAR DRAIN VALVE		28,91		
1117	#2 EXHAUSTER TAR DRAIN VALVE		28,92		
1118	#2 EXHAUSTER TAR DRAIN VALVE		28,93		
1119	#2 EXHAUSTER TAR DRAIN VALVE		28,95		
1120	#2 EXHAUSTER TAR DRAIN LINE STEAM CONNECTION VALVE		32,102		
1121	EXHAUSTER DISCHARGE BY-PASS VALVE TO FLARE LINE		31,102		
1122	EXHAUSTER DISCHARGE BY-PASS PRESSURE TAP VALVE		53,117		
1123	#1 EXHAUSTER COMPRESSOR SHAFT, WATER SEAL VALVE (SOUTH END)		25,71	230	230
1124	#1 EXHAUSTER COMPRESSOR SHAFT, WATER SEAL VALVE (NORTH END)		26,80	23	0318
1125	#1 EXHAUSTER COMPRESSOR SHAFT, WATER SEAL VALVE (SOUTH END)		25,87	230	
1126	#1 EXHAUSTER COMPRESSOR SHAFT, WATER SEAL VALVE (NORTH END)		26,96	230	282
1127	#1 EX. DISCHARGE PI		25,92		220
1128	#1 EX. STEAM CONN.		24,74		272
1129	#1 EX. STEAM CONN.		24,75		240
1130	#1 EX. STEAM CONN.		24,76		242
1131	#2 EX. STEAM CONN.		24,91		2413
1132	#2 EX. STEAM CONN.		24,92		
1133	#2 EX. STEAM CONN.		24,93		
1135	DRAIN ON COG LIE TO ESP'S		31,99		
1200	1A ESP, GAS DISCHARGE VALVE		43,73	100	114
1201	1A ESP, INLET BLOCK VALVE		33,74		116
1202	1A EXP, NORTH COMPARTMENT PURGE VALVE		38,75		149
1203	1A ESP, GAS DISCHARGE LINE PURGE VALVE		40,74		152
1204	1A ESP, PURGE VALVE		40,72		152
1204A	1A STEAM INLET		37,69		1P
1205	1A ESP, SOUTH COMPARTMENT PURGE VALVE		40,70		256
1206	ESP DISCHARGE MANIFOLD, STEAM CONNECTION VALVE		45,72		172
1207	"A" ESP, GAS DISCHARGE VALVE		43,79		170
1208	"A" ESP, GAS INLET BLOCK VALVE		33,84		256
1209	"A" EXP, DISCHARGE LINE STEAM CONNECTION VALVE		37,79		115
1210	"A" EXP, GAS DISCHARGE BLOCK VALVE		38,79		123
1211	"A" ESP, INLET PURGE VALVE		39,81		151
1212	"A" ESP, PURGE BLOCK VALVE		40,80		168

ALL ITEMS 1QTR 10000 PPM

ALL ITEMS 1QTR 10000 PPM

## ABC COKE DIVISION

FILE COPY - V.O.C./BZ TAG NUMBERS FOR ABC COKE BY-PRODUCT RECOVERY PLANT - GAS SERVICE EQUIPMENT				
NAME <i>Bo</i>		DATE <i>9-14-10</i>		
SERIES	COMPONENT LOCATION (EQUIPMENT FLOW)	#2291 BZ COORD	READING BG ACT	O2 MH
<b>EXHAUSTERS</b>				
		X,Y		
1100A	#1 EXHAUSTER TAR DRAIN LINE, STEAM CONNECTION VALVE	23,81		X
1104A	#1 EXHAUSTER DISCHARGE TAR DRAIN BLOCK VALVE	28,71		X
1104B	#1 EXHAUSTER TAR DRAIN LINE STEAM CONNECTION VALVE	30,70		X
1105A	#1 EXHAUSTER TAR DRAIN LINE STEAM CONNECTION VALVE	29,73	<i>112</i>	
1105B	#1 EXHAUSTER TAR DRAIN LINE STEAM CONNECTION VALVE	49,82	<i>112</i>	
1106A	#1 EXHAUSTER TAR DRAIN LINE STEAM CONNECTION VALVE	28,74		
1106B	#1 EXHAUSTER TAR DRAIN LINE STEAM CONNECTION VALVE	48,83		
1107A	#1 EXHAUSTER TAR DRAIN LINE STEAM CONNECTION VALVE	29,76		
1107B	#1 EXHAUSTER TAR DRAIN LINE STEAM CONNECTION VALVE	47,84		
1108A	#1 EXHAUSTER TAR DRAIN LINE STEAM CONNECTION VALVE	29,77		
1108B	#1 EXHAUSTER TAR DRAIN LINE STEAM CONNECTION VALVE	48,85		
1109A	#1 EXHAUSTER TAR DRAIN LINE STEAM CONNECTION VALVE	29,78		
1109B	#1 EXHAUSTER TAR DRAIN LINE STEAM CONNECTION VALVE	49,86		
1110A	#2 EXHAUSTER TAR DRAIN LINE STEAM CONNECTION VALVE	22,97		X
1114A	#2 EXHAUSTER TAR DRAIN BLOCK VALVE	28,87		X
1114B	#2 EXHAUSTER TAR DRAIN LINE STEAM CONNECTION VALVE	29,86		X
1115A	#2 EXHAUSTER TAR DRAIN LINE STEAM CONNECTION VALVE	29,89	<i>97</i>	
1115B	#2 EXHAUSTER TAR DRAIN LINE STEAM CONNECTION VALVE	49,90	<i>260</i>	
1116A	#2 EXHAUSTER TAR DRAIN LINE STEAM CONNECTION VALVE	29,90		
1116B	#2 EXHAUSTER TAR DRAIN LINE STEAM CONNECTION VALVE	48,89		
1117A	#2 EXHAUSTER TAR DRAIN LINE STEAM CONNECTION VALVE	29,92		
1117B	#2 EXHAUSTER TAR DRAIN LINE STEAM CONNECTION VALVE	47,88		
1118A	#2 EXHAUSTER TAR DRAIN LINE STEAM CONNECTION VALVE	29,94		
1118B	#2 EXHAUSTER TAR DRAIN LINE STEAM CONNECTION VALVE	48,87		
1119A	EXHAUSTER DISCHARGE BY-PASS VALVE (AROUND ESPs' & ABS.)	29,94		X
1119B	#2 EXHAUSTER TAR DRAIN LINE STEAM CONNECTION VALVE	49,86	<i>97 97</i>	
1200A	1A ESP, DISCHARGE VALVE, WATER SEAL VALVE	43,74		X
1200B	1A ESP, DISCHARGE VALVE, WATER SEAL VALVE	43,72		X
1201A	1A ESP, INLET WATER SEAL VALVE	33,75		X
1201B	1A ESP, INLET WATER SEAL VALVE	33,74		X
1207A	"A" ESP, DISCHARGE WATER SEAL VALVE	43,80		X
1207B	"A" ESP, DISCHARGE WATER SEAL VALVE	43,78		X
1208A	"A" ESP, INLETE WATER SEAL VALVE	33,84		X
1208B	"A" ESP, INLETE WATER SEAL VALVE	33,83		X
1210A	"A" ESP, DISCHARGE WATER SEAL VALVE	37,79		X
1210B	"A" ESP, DISCHARGE WATER SEAL VALVE	39,77		X
1211A	"A" ESP, SOUTH COMPARTMENT PURGE VALVE	39,78		X
ALL ITEMS 1QTR 10000 PPM				

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## ABC COKE DIVISION

FILE COPY - V.O.C. TAG NUMBERS FOR ABC COKE BY-PRODUCT RECOVERY PLANT - GAS SERVICE EQUIPMENT		
NAME <i>Bo</i>	DATE <i>9-14-10</i>	
ELECTROSTATIC TAR PRECIPITATOR FLOW	#2291 READING X,Y	O2 X
1214 "B" ESP, GAS DISCHARGE BLOCK VALVE	43,87	X
1215 "B" ESP, GAS INLET BLOCK VALVE	33,91	X
1215A "B" ESP, INLET WATER SEAL VALVE	33,92	X
1215B "B" ESP, INLET WATER SEAL VALVE	33,90	X
1215C "B" ESP, INLET WATER SEAL VALVE	33,90	X
1215D "B" ESP, INLET WATER SEAL VALVE	33,89	X
1216 "B" ESP, GAS DISCHARGE BLOCK VALVE	38,88	X
1216A "B" ESP, DISCHARGE WATER SEAL VALVE	37,88	X
1216B "B" ESP, DISCHARGE WATER SEAL VALVE	39,85	X
1216C "B" ESP, DISCHARGE WATER SEAL VALVE	39,86	X
1216D "B" ESP, DISCHARGE WATER SEAL VALVE	40,77	X
1217 "B" ESP, PURGE VALVE	38,89 <i>110 228</i>	
1217A "B" ESP, PURGE VALVE	38,90	X
1218 "B" ESP, PURGE VALVE	39,88	X
1219 "B" ESP, PURGE VALVE	40,88	X
1220 "C" ESP, GAS DISCHARGE BLOCK VALVE	38,95	X
1220A "C" ESP, DISCHARGE WATER SEAL VALVE	37,96	X
1220B "C" ESP, DISCHARGE WATER SEAL VALVE	39,93	X
1220C "C" ESP, DISCHARGE WATER SEAL VALVE	39,93	X
1220D "C" ESP, DISCHARGE WATER SEAL VALVE	40,93	X
1221 "C" ESP, GAS INLET BLOCK VALVE	33,99	X
1221A "C" ESP, GAS INLET WATER SEAL VALVE	33,100	X
1221B "C" ESP, GAS INLET WATER SEAL VALVE	33,99	X
1221C "C" ESP, GAS INLET WATER SEAL VALVE	33,98	X
1221D "C" ESP, GAS INLET WATER SEAL VALVE	33,97	X
1222 "C" ESP, GAS INLET STEAM CONNECTION VALVE	37,98	X
1223 "C" ESP, PURGE VALVE	39,97	X
1224 "C" ESP, PURGE VALVE	39,96	X
1225 "C" ESP, PURGE VALVE	40,96	X
1226 A ESP STEAM VALVE	37,79 <i>131 131</i>	
1227 A ESP STEAM VALVE	37,83 <i>131 131</i>	
1228 B ESP STEAM VALVE	37,87 <i>102 102</i>	
1229 B ESP STEAM VALVE	37,90 <i>102 114</i>	
1230 B ESP VENT VALVE	36,89 <i>102 131</i>	
1231 C ESP STEAM VALVE	37,95 <i>240 256</i>	
1232 C ESP STEAM VALVE	37,99 <i>1 1</i>	
1233 C ESP VENT VALVE	37,94 <i>1 1</i>	
1234 C ESP VENT VALVE	36,94 <i>240 240</i>	
1235 2ND BLOCK ON A ESP	<i>130 210</i>	
1235A A ESP, DISCHARGE WATER SEAL VALVE	<i>110 110</i>	
1235B A ESP, DISCHARGE WATER SEAL VALVE	<i>110 110</i>	
ALL ITEMS 1QTR 10000 PPM		

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## ABC COKE DIVISION

FILE COPY - V.O.C. TAG NUMBERS FOR ABC COKE BY-PRODUCT RECOVERY PLANT - GAS SERVICE EQUIPMENT			
NAME	DATE	#2291	
SERIES COMPONENT LOCATION (EQUIPMENT FLOW)		BZ COORD READING	O2
SERIES AMMONIA ABSORBER		X,Y BG ACT	MH
1300 AMMONIA STILL VENT		44,92 52 52	
1300A AMMONIA STILL VENT		44,98 48 48	
1301 AMMONIA ABSORBER, GAS INLET BLOCK VALVE		51,108	X
1302 AMMONIA ABSORBER, GAS BY-PASS VALVE		50,109	X
1303 AMMONIA ABSORBER, GAS DISCHARGE BLOCK VALVE		54,113	X
1304 AMMONIA ABSORBER, TAR DRAIN LINE STEAM CONNECTION VLVE		49,109 109 358	
1305 AMMONIA ABSORBER, INLET GAS TAR DRAIN BLOCK VALVE		49,108 88 210	
1306 AMMONIA ABSORBER, TAR DRAIN LINE STEAM CONNECTION VALVE		49,109 146 358	
1308 AMMONIA ABSORBER, GAS DIFFERENTIAL PRESSURE TAP VALVE		52,67	X
1309 AMMONIA ABSORBER, INLET GAS STEAM CONNECTION VALVE		52,108	X
1310 AMMONIA ABSORBER, STEAM LINE VALVE		56,105 71 86	
1311 AMMONIA ABSORBER, AMMONIA INJECTION PIPE (NOT IN SERVICE)		57,105 DEMO	X
1312 AMMONIA ABSORBER, WATER SPRAY VALVE		58,107	X
1313 AMMONIA ABSORBER, WATER SPRAY VALVE		58,108	X
1314 AMMONIA ABSORBER, WATER SPRAY VALVE		56,108	X
1315 AMMONIA ABSORBER, PURGE VALVE		55,110 86 109	
1316 AMMONIA ABSORBER, GAS DISCHARGE LINE STEAM CONNEC. VALVE		54,110	X
1317 AMMONIA ABSORBER		48,107	X
1319 AMMONIA ABSORBER,		52,112	X
1320 AMMONIA ABSORBER, TAR DRAIN LINE STEAM CONNECTION VALVE		56,111	X
1321 AMMONIA ABSORBER		56,111	X
1332 AMMONIA ABSORBER, WATER SPRAY VALVE		58,107	X
1333 AMMONIA ABSORBER, WATER SPRAY VALVE		58,108	X
1334 AMMONIA ABSORBER, WATER SPRAY VALVE		54,107	X
1335 AMMONIA ABSORBER, WATER SPRAY VALVE		54,109 121 480	

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## ABC COKE DIVISION

FILE COPY - V.O.C. TAG NUMBERS FOR ABC COKE BY-PRODUCT RECOVERY PLANT - GAS SERVICE EQUIPMENT			#2291		
NAME	DATE		COORD READING		
SERIES	COMPONENT	LOCATION (EQUIPMENT FLOW)	BZ	X,Y BG	ACT
SCRUBBER GAS FLOW					
1500	EAST INLET BLOCK VALVE		57,136	15	15
1501	EAST INLET MANIFOLD PRESSURE TAP VALVE		55,137	15	1
1502	EAST INLET MANIFOLD PRESSURE TAP VALVE		57,137	15	1
1503	EAST INLET MANIFOLD PRESSURE TAP VALVE		57,136	18	18
1504	EAST GAS BY-PASS VALVE		56,135	110	242
1505	EAST GAS DISCHARGE BLOCK VALVE		57,134		
1506	EAST DISCHARGE PRESSURE TAP VALVE		57,133		
1507	EAST PRESSURE TAP VALVE		59,135		
1508	EAST PRESSURE TAP VALVE		61,133		
1509	PRESS TAP COG LINE EAST SIDE EAST WOS		56,132	DEMO	
1510	DEMOED SOUTH EAST WOS INLET		56,130	DEMO	
1511	PRESS TAP COG LINE EAST SIDE EAST WOS		56,128	DEMO	
1512	DEMOED SOUTH EAST WOS BYPASS		56,129	DEMO	
1513	DEMOED SOUTH EAST WOS COG OUTLET		56,127	DEMO	
1518	PRESS TAP COG LINE WEST SIDE WEST WOS		71,137	160	210
1519	PRESS TAP COG LINE WEST SIDE WEST WOS		71,136		210
1520	WEST INLET BLOCK VALVE		70,135		26
1521	WEST OUTLET BLOCK VALVE		71,134		92
1522	WEST OUTLET DRAIN		71,136		120
1523	WEST OUTLET DRAIN		71,136		100
1524	TOP WEST WOS VENT		69,136		100
1525	TOP WEST WOS VENT		68,136		100
1526	WEST INLET BLOCK VALVE		71,130		310
1527	WEST GAS BY-PASS BLOCK VALVE		72,129		160
1528	WEST GAS DISCHARGE BLOCK VALVE		71,128		160
1570	EAST, WEST ISOLATION VALVE		63,136		0
1571	1/2" UNDER PI OLD SOUTHWEST WOS INLET		71,130		0
ALL ITEMS 1QTR 10000 PPM					

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## ABC COKE DIVISION

FILE COPY - V.O.C. TAG NUMBERS FOR ABC COKE			
BY-PRODUCT RECOVERY PLANT - GAS SERVICE EQUIPMENT			
NAME <i>PO</i>		DATE <i>7-14-10</i>	
SERIES	COMPONENT LOCATION (EQUIPMENT FLOW)	BZ	#2291 READING
		COORD	BG ACT
		X,Y	
1600	EAST GAS QUADRANGLE BLOCK VALVE	56,124	7 10
1601	WEST GAS QUADRANGLE BLOCK VALVE	72,124	7 11
1603	PLANT GAS PRESSURE INSTRUMENT STEAM CONNECTION VALVE	73,126	0 0
1603A	PLANT GAS PRESSURE INSTRUMENT STEAM CONNECTION VALVE	73,126	0 0
1604	EAST GAS FLOW PRESSURE TAP VALVE	55,124	0 0
1605	FLARE LINE BLOCK VALVE	53,122	6 10
1606	FLARE LINE PURGE CONNECTION VALVE	52,123	0 0
1607	WEST GAS PI VALVE	72,125	0 0
1608	WEST DEMOED WOS BLOCK VALVE VENT		
ALL ITEMS 1QTR 10000 PPM			

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## ABC COKE DIVISION

FILE COPY - V.O.C. TAG NUMBERS FOR ABC COKE		#2291 READING		
BY-PRODUCT RECOVERY PLANT - GAS SERVICE EQUIPMENT		BZ COORD	BG	ACT
NAME	DATE			
SERIES COMPONENT LOCATION (EQUIPMENT FLOW)		X,Y		
SERIES FLARE STACK GAS FLOW				
1800	FLARE STACK WATER SEAL BLOCK VALVE	10,136	20	37
1801	FLARE STACK STEAM CONNECTION BLOCK VALVE	12,132	15	15
1802	FLARE STACK STEAM CONNECTION BLOCK VALVE	12,132	15	15
1803	FLARE STACK 3 INCH BY-PASS VALVE	8,135	15	28
1804	FLARE STACK CONTROL LOOP VALVE	7,135	24	79
1805	FLARE STACK MANUAL BLOCK VALVE	5,134	24	82
1806	COG LINE DRAIN	3,133	24	24
1807	COG LINE BLOCK	4,132	24	24
1808	FLARE STACK STEAM CONNECTION VALVE	4,131	24	51
1809	FLARE STACK CONDENSATE DRAIN VALVE	3,134		51
1810	FLARE STACK CONDENSATE DRAIN VALVE	3,138		24
1811	FLARE STACK STEAM CONNECTION VALVE	4,139		
1812	FLARE STACK STEAM CONNECTION VALVE	5,130		
1813	FLARE STACK STEAM CONNECTION VALVE	5,131		
1814	TANK BYPASS	5,131	DEMO	
1815	FLARE STACK STEAM CONNECTION VALVE	5,129	24	24
1816	FLARE STACK STEAM CONNECTION VALVE	9,154		52
1819	STACK WATER	7,154		50
1820	STACK STEAM	7,134		37

ALL ITEMS 1QTR 10000 PPM

ALL ITEMS 1QTR 10000 PPM

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## ABC COKE DIVISION

FILE COPY - V.O.C. TAG NUMBERS FOR ABC COKE			#3015 READING		
BENZENE COMPLIANCE PROJECT			BZ	COORD	BG ACT
NAME	DATE	SERIES COMPONENT LOCATION (EQUIPMENT FLOW)			
		SERIES GAS BLANKETING		X,Y	
V1900		CROSSOVER MAIN	61,131	10	10
V1901		CONTROL STA BYPASS	71,119	1	10
V1902		CONTROL STA BYPASS	69,113	1	10
V1903		CONTROL STA BYPASS	71,108	10	10
V1904		CONTROL STA TOP OF EXIST TWR.	61,118	18	25
V1905		CONTROL STA TOP OF EXIST TWR.	60,114		
V1906		CONTROL STA TOP OF EXIST TWR.	61,113		
V1907		CONTROL STA TOP OF EXIST TWR.	63,108		
V1908		CONTROL STA TOP OF EXIST TWR.	62,107		
V1909		CONTROL STA TOP OF EXIST TWR.	63,95		
V1910		CONTROL STA TOP OF EXIST TWR.	71,95		
V1911		CONTROL STA TOP OF EXIST TWR.	71,97	18	
V1912		TOP OF WEST TAR STR. TANK	63,28	8	8
V1913		TOP OF WEST TAR STR. TANK	39,11		
V1914		TOP OF WEST TAR STR. TANK	38,9		
V1915		TOP OF WEST TAR STR. TANK	37,11		
V1916		TOP OF WEST TAR STR. TANK	36,13	8	8
V1917		TOP OF EAST TAR TANK	54,31	0	5
V1918		TOP OF EAST TAR TANK	71,33		
V1919		TOP OF EAST TAR TANK	74,33		
V1920		TOP OF EAST TAR TANK	78,31		
V1921		TOP OF EAST TAR STR. TANK	39,36		
V1922		TOP OF EAST TAR STR. TANK	38,35		
V1923		TOP OF EAST TAR STR. TANK	37,36	0	
V201		EAST TAR NATL GAS	22,39	0	0
V202		EAST TAR NATL GAS	22,39	0	0
V203		WEST TAR NATL GAS	26,39	0	0
V204		WEST TAR NATL GAS	26,39	0	0

ALL ITEMS 1QTR 10000 PPM

ALL ITEMS ANNUALLY 500 ppm

L 20/0

## ABC COKE DIVISION

FILE COPY - V.O.C. TAG NUMBERS FOR ABC COKE BY-PRODUCT RECOVERY PLANT - GAS SERVICE EQUIPMENT			#2290 READING		
NAME	DATE		BZ COORD	BG	ACT
SERIES COMPONENT LOCATION (EQUIPMENT FLOW)			X,Y		
SERIES WASH OIL SCRUBBERS					
5100	EWOS SIGHT GLASS		18,26	28	28
5101	EWOS SIGHT GLASS		23,26	28	33
5102	EWOS PUMP SUCTION		16,19	45	43
5103	EWOS DRAIN		19,20	26	26
5104	EWOS DRAIN		23,20	26	24
5105	EWOS STEAM		25,20	26	39
5106	WWOS SIGHT GLASS		56,20	310	310
5107	WWOS SIGHT GLASS		61,24	310	400
5108	WWOS STEAM		56,24	110	110
5109	WWOS DRAIN		57,20	145	200
5110	WWOS DRAIN		61,20	145	200
5111	WWOS DRAIN		64,20	145	200
ALL ITEMS 1QTR 10000 PPM					

L-12/0

## ABC COKE DIVISION

FILE COPY - V.O.C. TAG NUMBERS FOR ABC COKE BY-PRODUCT RECOVERY PLANT - GAS SERVICE EQUIPMENT			#2290 READING		
NAME	DATE		BZ COORD	BG	ACT
SERIES COMPONENT LOCATION (EQUIPMENT FLOW)			X,Y		
SERIES LIGHT OIL STILL AND PURIFIER					
6008	STILL OUTLET		8,70	10	15
6025	STILL LEVEL INST.		11,67	10	10
6026	STILL LEVEL INST.		11,67		
6027	STILL LEVEL INST.		20,70		
6028	STILL LEVEL INST.		18,70		
6029	STILL LEVEL INST.		18,71		
6035	LIGHT OIL STILL GAUGE GLASS BLOCK VALVE		20,76	12	15
6036	L.O.S., GAUGE GLASS BLOCK VALVE		20,77		18
6036A	L.O.S., GAUGE GLASS BLOCK VALVE		20,78		15
6037	L.O.S., GAUGE GLASS BLOCK VALVE		24,76		10
6038	L.O.S., GAUGE GLASS BLOCK VALVE		24,77		18
6039	L.O.S., BASE PRESSURE INSTRUMENT PRESSURE TAP BLOCK VALVE		24,73	18	137
6040	L.O.S., BASE PRESSURE INS. PRESSURE TAP DRAIN VALVE		24,75		
6041	L.O.S., BASE PRESSURE INSTRUMENT BLOCK VALVE		27,77		
6042	L.O.S., BASE PRESSURE INSTRUMENT DRAIN VALVE		28,77		
6043	L.O.S., TRAY #1 PRESSURE TAP BLOCK VALVE		24,70	29	33
6044	L.O.S., TRAY #2 PRESSURE TAP BLOCK VALVE		25,71		32
6045	L.O.S., TRAY #3 PRESSURE TAP BLOCK VALVE		26,70		31
6046	L.O.S., TRAY #4 PRESSURE TAP BLOCK VALVE		27,71		31
6047	L.O.S., TRAY #5 PRESSURE TAP BLOCK VALVE		28,70		42
6048	L.O.S., TRAY #6 PRESSURE TAP BLOCK VALVE		29,71		31
6049	L.O.S., TRAY #7 PRESSURE TAP BLOCK VALVE		30,70		29
6050	L.O.S., TRAY #8 PRESSURE TAP BLOCK VALVE		31,71		44
6051	L.O.S., TRAY #9 PRESSURE TAP BLOCK VALVE		32,70		29
6052	L.O.S., TRAY #10 PRESSURE TAP BLOCK VALVE		33,71		25
6053	L.O.S., TRAY #11 PRESSURE TAP BLOCK VALVE		34,70		41
6054	L.O.S., TRAY #12 PRESSURE TAP BLOCK VALVE		35,71		30
6055	L.O.S., OIL TO PURIFIER BLOCK VALVE		33,72		41
6056	L.O.S., OIL FROM DECANTER BLOCK VALVE		15,44	62	110
6057	L.O.S., OIL BLOCK VALVE		15,46	91	114
6063	PURIFIER INLET LOW PRESSURE STEAM PRESSURE TAP BLOCK VALVE		12,47	28	157
6065	PURIFIER LOW PRESSURE STEAM TO STILL INLET BLOCK VALVE		11,43	28	110
6066	CRUDE RESIDUE COLUMN DRAIN		10,92	110	110
6067	STEAM INLET TO WO STILL		20,53	110	110
6068	STEAM INLET TO WO STILL		21,48	110	110
ALL ITEMS 1QTR 10000 PPM					

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## ABC COKE DIVISION

FILE COPY - V.O.C. TAG NUMBERS FOR ABC COKE			#2290 READING		
BY-PRODUCT RECOVERY PLANT - GAS SERVICE EQUIPMENT			BZ	COORD	BG ACT
NAME	DATE				
NAME <i>Boehm</i> DATE <i>7-27-10</i>					
SERIES COMPONENT LOCATION (EQUIPMENT FLOW)					
SERIES HEAT EXCHANGER FLOWS					
		X,Y			
6100	LIGHT OIL VAPOR COOLER CONDENSATE PRESSURE TAP VALVE	BZ 64,82	7	7	
6101	LIGHT OIL VAPOR COOLER CONDENSATE BLOCK VALVE	BZ 64,80			
6102	VAPOR TO OIL HEAT EXCHANGER CONDENSATE PRESSURE TAP VALVE	BZ 59,81			
6103	VAPOR TO OIL HEAT EXCHANGER CONDENSATE BLOCK VALVE	BZ 59,80			
6104	LIGHT OIL VAPOR COOLER DISCHARGE BLOCK VALVE	BZ 63,84			
6105	LIGHT OIL VAPOR COOLER BY-PASS VALVE	BZ 62,87			
6106	LIGHT OIL VAPOR COOLER INLET BLOCK VALVE	BZ 61,84			
6107	VAPOR TO OIL HEAT EXCHANGER DISCHARGE VAPOR BLOCK VALVE	BZ 58,85			
6108	VAPOR TO OIL HEAT EXCHANGER INLET VAPOR BLOCK VALVE	BZ 57,85			
6105A	VAPOR TO OIL HEAT EXCHANGER BY-PASS VAPOR BLOCK VALVE	BZ 60,86			
6125	LIGHT OIL CONDENSER, INLET VAPOR PRESSURE TAP VALVE	BZ 40,82			
6126	LIGHT OIL CONDENSER, DISCHARGE PRESSURE TAP BLOCK VALVE	BZ 42,84			
6127	LIGHT OIL CONDENSER, DISCHARGE PRESSURE TAP VALVE	BZ 41,85			
6128	AFTERCOOLER DISCHARGE PRESSURE TAP VALVE	BZ 42,89			
6130	AFTERCOOLER DISCHARGE PRESSURE TAP BLOCK VALVE	BZ 42,90			
6131	LO FLOW METER	BZ 20,101			
6132	LO FLOW METER	BZ 20,100			
6133	LO FLOW METER	BZ 18,100	DEMO		
6134	LO FLOW METER	BZ 17,100	DEMO		
6135	LO FLOW METER	BZ 17,100	DEMO		
6136	LO FLOW METER	BZ 17,101	DEMO		
6137	LO FLOW METER	BZ 17,101	DEMO		
ALL ITEMS 1QTR 10000 PPM					

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## ABC COKE DIVISION

FILE COPY - V.O.C. TAG NUMBERS FOR ABC COKE BY-PRODUCT RECOVERY PLANT - GAS SERVICE EQUIPMENT			#2290 READING		
NAME	DATE		BZ	COORD	ACT
SERIES COMPONENT LOCATION (EQUIPMENT FLOW)					
SERIES CRUDE RESIDUE COLUMN					
V6200	C.R.C. DISCHARGE BLOCK VALVE			X,Y	33 12
V6201	C.R.C. DISCHARGE BLOCK VALVE			7,85	33 40
V6202	C.R.C. SECONDARY OIL LINE STEAM CONNECTION VALVE			6,84	33 35
V6203	C.R.C. OIL AND LIQUOR MIXING LINE STEAM CONNECTION VALVE			5,81	36 41
V6204	C.R.C. SECONDARY OIL DISCHARGE BLOCK VALVE			10,80	5 8
V6206	C.R.C. SECONDARY OIL LEG SEAL STEAM CONNECTION VALVE			9,81	5 6
V6207	C.R.C. SECONDARY OIL LEG SEAL STEAM CONNECTION VALVE			11,85	14 18
V6208	C.R.C. LEVEL GAUGE GLASS DRAIN VALVE			12,86	14 18
V6209	C.R.C. LEVEL GAUGE GLASS BLOCK VALVE			16,89	14 18
V6210	C.R.C. LEVEL GAUGE GLASS BLOCK VALVE			17,89	14 18
V6211	C.R.C. SECONDARY OIL DISCHARGE BLOCK VALVE			17,88	18 22
V6212	C.R.C. LEVEL GAUGE GLASS BLOCK VALVE			20,88	18 22
V6213	C.R.C. LEVEL GAUGE GLASS BLOCK VALVE			21,89	18 26
V6214	C.R.C. LEVEL GAUGE GLASS BLOCK VALVE			21,88	18 56
V6214	C.R.C. BOTTOM PRESSURE TAP BLOCK VALVE			22,88	18 18
V6215	C.R.C. SECONDARY OIL STEAM CONNECTION VALVE			21,87	22 32
V6216	C.R.C. WATER DISCHARGE BLOCK VALVE			21,84	22 38
V6217	C.R.C. SECONDARY OIL STEAM CONNECTION VALVE			21,84	22 38
V6218	C.R.C. WATER WEIR VALVE			22,83	22 38
V6218A	C.R.C. WATER OVERFLOW SIGHTGLASS STEAM CONNECTION VALVE			22,81	12 12
V6218C	C.R.C. WATER OVERFLOW SIGHTGLASS STEAM CONNECTION VALVE			22,81	12 18
V6219	C.R.C. BOTTOM PRESSURE TAP BLOCK VALVE			24,92	12 12
V6220	C.R.C. BOTTOM PRESSURE TAP BLOCK VALVE			25,93	22 22
V6221	C.R.C. TOP PRESSURE INSTRUMENT STEAM CONNECTION VALVE			27,74	22 22
V6222	C.R.C. TOP PRESSURE INSTRUMENT BLOCK VALVE			27,80	22 25
V6223	C.R.C. BOTTOM PRESSURE INSTRUMENT STEAM CONNECTION VALVE			27,82	18 18
V6224	C.R.C. BOTTOM PRESSURE INSTRUMENT BLOCK VALVE			27,83	15 18
V6225	C.R.C. #1 TRAY PRESSURE TAP BLOCK VALVE			26,86	15 15
V6226	C.R.C. #2 TRAY PRESSURE TAP BLOCK VALVE			27,87	18 18
V6227	C.R.C. #3 TRAY PRESSURE TAP BLOCK VALVE			28,86	18 18
V6228	C.R.C. #4 TRAY PRESSURE TAP BLOCK VALVE			29,87	15 15
V6229	C.R.C. #5 TRAY PRESSURE TAP BLOCK VALVE			30,86	15 15
V6230	C.R.C. #6 TRAY PRESSURE TAP BLOCK VALVE			31,87	17 17
V6231	C.R.C. #7 TRAY PRESSURE TAP BLOCK VALVE			32,86	17 17
V6232	C.R.C. #8 TRAY PRESSURE TAP BLOCK VALVE			33,87	17 17
V6233	C.R.C. #9 TRAY PRESSURE TAP BLOCK VALVE			34,86	18 18
V6234	C.R.C. #10 TRAY PRESSURE TAP BLOCK VALVE			35,87	17 17
V6235	C.R.C. WATER LEG SEAL STEAM CONNECTION VALVE			5,84	5 5
ALL ITEMS 1QTR 10000 PPM					

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## ABC COKE DIVISION

FILE COPY - V.O.C. TAG NUMBERS FOR ABC COKE BY-PRODUCT RECOVERY PLANT - GAS SERVICE EQUIPMENT			
NAME <i>Bob</i>		DATE <i>7-27-10</i>	
SERIES	COMPONENT LOCATION (EQUIPMENT FLOW)	#2290 READING	
SERIES	BTX FLOW	BZ COORD	BG ACT
		X,Y	
V6300	BTX DISCHARGE BLOCK VALVE	BZ 8,109	<i>16</i> <i>24</i>
V6301	BTX DISCHARGE BLOCK VALVE	BZ 8,108	<i>32</i>
V6302	BTX WATER DISCHARGE BLOCK VALVE	BZ 8,106	<i>57</i>
V6303	BTX LEVEL GAUGE GLASS STEAM CONNECTION VALVE	BZ 10,107	<i>62</i>
V6304	BTX LEVEL GAUGE GLASS BLOCK VALVE	BZ 11,106	<i>16</i>
V6305	BTX LEVEL GAUGE GLASS BLOCK VALVE	BZ 11,107	
V6306	BTX LEVEL GAUGE GLASS BLOCK VALVE	BZ 13,107	
V6307	BTX LEVEL GAUGE GLASS BLOCK VALVE	BZ 13,106	
V6308	BTX LEVEL GAUGE GLASS STEAM CONNECTION VALVE	BZ 13,109	
V6309	BTX LEVEL GAUGE GLASS BLOCK VALVE	BZ 14,110	
V6310	BTX LEVEL GAUGE GLASS BLOCK VALVE	BZ 17,110	
V6311	BTX LEVEL GAUGE GLASS BLOCK VALVE	BZ 17,109	
V6312	BTX PUMP SUCTION BLOCK VALVE	BZ 8,112	DEMO
V6313	BTX PUMP STEAM CONNECTION VALVE	BZ 9,111	DEMO
V6315	BTX PUMP STEAM CONNECTION BLOCK VALVE	BZ 9,113	DEMO
V6316	BTX PUMP DISCHARGE PRESSURE GAUGE BLOCK VALVE	BZ 10,113	DEMO
V6317	BTX PUMP SUCTION STEAM CONNECTION VALVE	BZ 7,114	DEMO
V6318	BTX PUMP DISCHARGE BLOCK VALVE	BZ 11,112	DEMO
V6319	BTX PUMP SUCTION BLOCK VALVE	BZ 8,116	DEMO
P6320	BTX PUMP	BZ 9,116	DEMO
V6322	BTX PUMP STEAM CONNECTION VALVE	BZ 9,115	DEMO
V6323	BTX PUMP STEAM CONNECTION VALVE	BZ 9,117	DEMO
V6324	BTX PUMP DISCHARGE PRESSURE GAUGE BLOCK VALVE	BZ 10,115	DEMO
V6325	BTX PUMP DISCHARGE BLOCK VALVE	BZ 11,116	DEMO
V6326	BTX TO STORAGE MANUAL BLOCK VALVE	BZ 8,118	DEMO
V6327	BTX TO STORAGE STEAM CONNECTION VALVE	BZ 6,119	DEMO
V6328	BTX TO STORAGE AUTOMATIC CONTROL VALVE	BZ 7,120	DEMO
V6329	BTX TO STORAGE STEAM CONNECTION VALVE	BZ 6,121	DEMO
V6330	BTX TO STORAGE MANUAL BLOCK VALVE	BZ 8,122	DEMO

✓ 12/0

## ABC COKE DIVISION

FILE COPY - V.O.C. TAG NUMBERS FOR ABC COKE			#2290 READING		
BENZENE COMPLIANCE PROJECT					
NAME <i>B. O. H.</i> DATE <i>7-27-10</i>					
SERIES	COMPONENT	LOCATION (EQUIPMENT FLOW)	BZ	COORD BG	ACT
SERIES	L.O. PUMP REPLACEMENT		X,Y		
V6343	NEAR BTX SEPARATOR TANK		BZ	40,35	<i>90</i> <i>148</i>
V6344	NEAR BTX SEPARATOR TANK		BZ	30,58	<i>90</i>
V6345	NEAR BTX SEPARATOR TANK		BZ	29,61	<i>90</i>
V6346	NEAR BTX SEPARATOR TANK		BZ	33,78	<i>114</i>
V6347	NEAR BTX SEPARATOR TANK		BZ	31,86	<i>160</i>
V6348	NEAR BTX SEPARATOR TANK		BZ	31,81	<i>110</i>
V6349	NEAR BTX SEPARATOR TANK		BZ	50,58	<i>152</i>
V6350	NEAR BTX SEPARATOR TANK		BZ	48,61	<i>95</i>
V6351	NEAR BTX SEPARATOR TANK		BZ	52,78	<i>172</i>
V6352	NEAR BTX SEPARATOR TANK		BZ	50,81	<i>210</i>
V6353	NEAR BTX SEPARATOR TANK		BZ	50,86	<i>205</i>
V6354	NEAR BTX SEPARATOR TANK		BZ	38,100	DEMO
V6355	NEAR BTX SEPARATOR TANK		BZ	32,119	<i>88</i> <i>110</i>
V6356	NEAR BTX SEPARATOR TANK		BZ	29,120	<i>88</i> <i>+</i>
V6357	NEAR BTX SEPARATOR TANK		BZ	30,121	DEMO
V6358	NEAR BTX SEPARATOR TANK		BZ	29,123	<i>110</i> <i>161</i>
V6359	NEAR BTX SEPARATOR TANK		BZ	33,124	<i>11</i>
V6360	NEAR BTX SEPARATOR TANK		BZ	35,121	<i>11</i>
V6361	NEAR BTX SEPARATOR TANK		BZ	40,103	<i>11</i>
ALL ITEMS 1QTR 10000 PPM					

V-17/2

## ABC COKE DIVISION

FILE COPY - V.O.C. TAG NUMBERS FOR ABC COKE			
BENZENE COMPLIANCE PROJECT			
NAME <i>B. B. B.</i>		DATE <i>7-27-10</i>	
SERIES	COMPONENT LOCATION (EQUIPMENT FLOW)	#2290 READING	BZ COORD BG ACT
SERIES	LIGHT OIL INJECTION	X,Y	
V6453	BTX STORAGE TANK AREA	BZ 67,133	0 0
V6454	BTX STORAGE TANK AREA	BZ 85,125	
V6455	BTX STORAGE TANK AREA	BZ 86,123	
V6456	BTX STORAGE TANK AREA	BZ 75,119	
V6457	BTX STORAGE TANK AREA	BZ 74,122	
V6458	BTX STORAGE TANK AREA	BZ 8,135	
V6459	BTX STORAGE TANK AREA	BZ 67,119	
V6460	BTX STORAGE TANK AREA	BZ 69,121	
V6461	BTX STORAGE TANK AREA	BZ 5,141	
V6462	BTX STORAGE TANK AREA	BZ 3,141	
V6463	BTX STORAGE TANK AREA	BZ 77,98	
V6464	BTX STORAGE TANK AREA	BZ 79,91	
V6465	BTX STORAGE TANK AREA	BZ 78,89	
V6466	BTX STORAGE TANK AREA	BZ 6,143	
V6467	BTX STORAGE TANK AREA	BZ 6,142	
V6468	BTX STORAGE TANK AREA	BZ 5,141	
V6469	BTX STORAGE TANK AREA	BZ 67,89	
V6470	BTX STORAGE TANK AREA	BZ 6,139	
V6471	BTX STORAGE TANK AREA	BZ 67,107	
V6472	BTX STORAGE TANK AREA	BZ 66,100	
V6473	BTX STORAGE TANK AREA	BZ 67,101	
V6474	BTX STORAGE TANK AREA	BZ 66,101	
V6475	BTX STORAGE TANK AREA	BZ 66,90	
V6476	BTX STORAGE TANK AREA	BZ 66,78	
V6478	BTX STORAGE TANK AREA	BZ 66,101	
P6479	BTX STORAGE TANK AREA	BZ 66,99	
V6481	BTX STORAGE TANK AREA	BZ 78,108	
V6482	BTX STORAGE TANK AREA	BZ 7,157	
V6483	BTX STORAGE TANK AREA	BZ 10,159	
V6484	BTX STORAGE TANK AREA	BZ 18,158	
V6485	BTX STORAGE TANK AREA	BZ 17,158	
V6486	BTX STORAGE TANK AREA	BZ 21,148	
V6487	BTX STORAGE TANK AREA	BZ 21,141	
V6488	BTX STORAGE TANK AREA INJECTION AREA	BZ 17,134	
V6489	BTX STORAGE TANK AREA INJECTION AREA	BZ 18,134	
V6490	BTX STORAGE TANK AREA INJECTION AREA	BZ 21,134	
V6491	BTX STORAGE TANK AREA INJECTION AREA	BZ 22,134	
V6492	BTX STORAGE TANK AREA	BZ 22,133	DEMO
V6493	BTX STORAGE TANK AREA	BZ 15,140	DEMO
V6494	BTX STORAGE TANK AREA	BZ 15,148	DEMO

ALL ITEMS 1QTR 10000 PPM

## ABC COKE DIVISION

FILE COPY - V.O.C. TAG NUMBERS FOR ABC COKE			
BENZENE COMPLIANCE PROJECT			
NAME	DATE	#3016 READING	
SERIES	COMPONENT LOCATION (EQUIPMENT FLOW)	BZ	COORD BG ACT
SERIES VENT CAPTURE			
		X,Y	
V6600	EXIST SUCT. MAIN BATTERY 5 & 6	61,16	0 0
V6601	BG-1130 DRAIN	60,27	0 0
V6602	BG PRESS. CONTROL VLV BYPASS	70,32	0 0
V6603	BYPASS DRAIN	69,38	0 0
V6604	PCV ISOLATION VALVE	61,34	0 0
V6606	HEADER DRAIN	60,39	0 0
V6608	PCV 250 ISOLATION VALVE	61,41	15 15
V6609	4-WAY RELEASE TO ATM. ISOLATION	85,49	15 15
V6610	4-WAY PURGE VALVE	83,46	15 22
V6611	PRV-250 HEADER	64,53	0 0
V6612	TOP OF T.B.F.C. DECANter	84,101	22 28
V6613	TOP OF T.B.F.C. DECANter	83,99	1 1
V6614	TOP OF T.B.F.C. DECANter	81,101	1 1
V6615	HEADER STEAM-OUT	62,66	0 0
V6616	DRAIN ISOLATION VALVE AT E-706A&B	32,50	0 0
V6617	PI-264 ISOLATION AT PVRV-264 REDUCING STATION	29,78	0 0
V6618	STEAM-OUT AT REDUCING STATION	29,80	0 0
V6619	PVRV 264	33,81	52 98
V6620	STEAM-OUT AT REDUCING STATION	34,76	12 42
V6621	ABOVE PLATFORM EL-554'-0" AT CRUDE RESIDUE STILL	24,95	28 42
V6622	ABOVE PLATFORM EL-554'-0" AT CRUDE RESIDUE STILL	22,94	28 38
V6623	BETWEEN BTX SEPARATOR & CRUDE RESIDUE STILL	50,116	12 12
V6624	TOP OF BTX SEPARATOR	BZ 36,136	17 52
V6625	TOP OF BTX SEPARATOR	35,135	28 28
V6626	TOP OF BTX SEPARATOR	33,137	28 28
V6627	ABOVE PLATFORM EL-554'-0" AT CRUDE RESIDUE STILL	20,99	12 12
V6628	SWEEP STEAM BTX COOLER CONDENSER	27,53	52 164
V6629	FLUSHING LIQUOR AT BTX COOLER COND.	34,49	58 212
V6631	SWEEP STEAM AT PRESSURE CONTROLLER	57,39	32 47
V6632	SWEEP STEAM AT PRESSURE CONTROLLER	61,29	32 48
V6633	SWEEP STEAM AT CRUDE RESIDUE COLUMN	30,95	32 56
V6634	SWEEP STEAM AT BTX SEPARATOR	BZ 39,135	52 76
V6635	FLUSHING LIQUOR AT BTX SEPARATOR	BZ 49,114	52 55
V6636	BLOCK VALVE AT COOLER COND.	BZ 29,53	66 110
V6637	BLOCK VALVE AT COOLER COND.	BZ 26,58	66 114
V6638	SWEEP STEAM AT WASH OIL DECANter	82,121	26 51
V6639	THREE WAY VENT AT WASH OIL DECANter	79,121	26 76
V6640	THREE WAY VENT AT PUMP TANK	78,130	0 5
V6641	SWEEP STEAM AT PUMP TANK	82,130	0 5
V6642	AUTO CONTROL VALVE TOP W.O. DECANter	93,130	18 51
V6643	CHAIN VALVE TOP SUCTION, MAIN	93,139	0 0
V6644	PRV AT PUMP TANK	79,135	0 0
V6645	PRV AT DECANter	79,115	0 0
V6646	1/2" INST CONN AT CONTROL VALVE	94,128	0 0
V6647	1/2" PI VALVE AT CRUDE RESIDUE COL PRV	16,94	0 0
V6648	LOADING PUMP SUCTION DRAIN	7,140	0 0
V6649	PVRV 262 PROCESS WATER DECANter	78,86	0 0
V6650	1" BLANK LINES ON SIDE PUMP TANK	73,138	0 0
V6651	1" BLANK LINES ON SIDE PUMP TANK	72,138	0 0
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BENZENE COMPLIANCE PROJECT			
NAME	DATE	#3016 READING	

## ABC COKE DIVISION

SERIES COMPONENT LOCATION (EQUIPMENT FLOW)		BZ COORD	BG	ACT
SERIES VENT CAPTURE		X,Y		
V6652	1" BLANK LINES ON SIDE PUMP TANK	71,138	0	0
V6653	LEVEL INST ON SIDE PUMP TANK	68,138	0	0
V6654	LEVEL INST ON SIDE PUMP TANK	68,128	0	0
V6655	CROSS OVER LINE	75,127	0	0
V6656	PUMP SUCTION LINE PUMP TANK	64,137	0	0
V6657	PUMP SUCTION LINE PUMP TANK	62,137	0	0
V6658	PUMP SUCTION LINE PUMP TANK	62,132	0	0
V6660	CROSS OVER LINE	75,122	0	0
V6661	DECANTER BOTTOM OUTLET	65,117	5	5
V6662	DECANTER BOTTOM OUTLET	66,115	1	1
V6663	DECANTER BOTTOM OUTLET	66,115	1	1
V6664	DECANTER SIDE SAMPLE LINES	74,114	22	22
V6665	DECANTER SIDE SAMPLE LINES	75,115	21	21
V6666	DECANTER SIDE SAMPLE LINES	76,116	21	21
V6667	DECANTER SIDE SAMPLE LINES	77,117	21	21
V6668	DECANTER SIDE SAMPLE LINES	78,118	21	21
V6669	DECANTER SIDE SAMPLE LINES	79,119	21	21
V6670	PWD PUMP SUCTION	67,103	0	0
V6671	PWD DRAIN	67,98	0	0
V6672	PWD DRAIN	67,90	0	0
V6673	PWD DRAIN	68,90	0	0
V6674	PWD DRAIN	67,89	0	0
V6675	PWD LI	67,85	5	5
V6676	PWD LI	76,87	1	1
V6677	PWD LI	76,88	1	1
V6678	PWD WATER MAKE UP	79,88	1	1
V6679	PWD WATER MAKE UP	79,89	1	1
V6680	PWD TOP VALVES	79,92	1	1
V6681	PWD TOP VALVES	79,96	1	1
V6682	PWD TOP VALVES	79,99	1	1
V6683	PWD SKIMMER DRAIN			
ALL ITEMS 1QTR 10000 PPM				
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## ABC COKE DIVISION

BENZENE COMPLIANCE PROJECT			#3015 READING		
NAME	DATE		BZ	COORD	ACT
SERIES COMPONENT LOCATION (EQUIPMENT FLOW)			X,Y		
SERIES GAS BLANKETING					
V1924	TOP OF EAST TAR STR. TANK		36,38	14	14
V1925	TOP OF WEST F.L. DECANter		34,64	82	87
V1926	TOP OF WEST F.L. DECANter		33,62		
V1927	TOP OF WEST F.L. DECANter		31,62		
V1928	TOP OF EAST F.L. DECANter		34,88		
V1929	TOP OF EAST F.L. DECANter		33,86		
V1930	TOP OF EAST F.L. DECANter		31,86		
V1931	IN RACK BET. F.L. DECANterS		51,103		
V1932	TOP OF FLUSHING LIQ. CIRC. TANK		35,107	110	112
V1933	TOP OF FLUSHING LIQ. CIRC. TANK		34,105		112
V1934	TOP OF FLUSHING LIQ. CIRC. TANK		32,109		122
V1935	TOP OF PRIMARY COOLER SUMP		30,132	81	184
V1936	TOP OF PRIMARY COOLER SUMP		29,130	68	106
V1937	TOP OF PRIMARY COOLER SUMP		28,134	125	892
V1938	TOP OF EAST TAR TANK		63,43	125	
V1939	TOP OF EAST TAR TANK		71,43	14	22
V1940	TOP OF EAST TAR TANK		71,44	14	22
V1941	PRV EAST TAR DECANter		90,30	95	95
V1942	PRV WEST TAR DECANter		66,30	92	42
V1943	PRV FLUSHING LIQ TANK		109,30	39	56
V1944	PRV EAST TAR TANK		36,33	24	39
V1945	PRV WEST TAR TANK		10,33	24	24
V1946	1/2 VALVE NORTH SIDE EAST TANK		39,30	24	24
V1947	PRV PRIMARY COOLERSUMP		25,131	192	192
V1948	TOP EAST TAR DECANter		27,77	76	200
V1949	TOP EAST TAR DECANter		27,78	76	
V1950	TOP WEST TAR DECANter		27,51	76	
V1951	TOP WEST TAR DECANter		27,53	76	
V1952	TOP FLUSHING LIQUOR TANK		27,110	82	82
V1953	TOP FLUSHING LIQUOR TANK		27,111	22	22
V1954	2' TOP PRIMARY COOLER SUMP		27,130	82	22
V1955	TOP FLUSHING LIQUOR TANK		31,110	19	19
V1956	TOP FLUSHING LIQUOR TANK		32,110	19	19
V1957	LIQUOR INLET EAST		24,89	104	220
V1958	LIQUOR INLET EAST		22,89		
V1959	LIQUOR INLET EAST		19,89		
V1960	LIQUOR INLET WEST		24,65		
V1961	LIQUOR INLET WEST		22,65	104	200
V1962	LIQUOR INLET WEST		19,65	104	112
V1963	EAST TAR OUTLET TAR DECANter		21,91	62	62
V1964	WEST TAR OUTLET TAR DECANter		21,68	64	64
ALL ITEMS 1QTR 10000 PPM					
ALL ITEMS ANNUALLY 500 ppm					
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## ABC COKE DIVISION

BENZENE COMPLIANCE PROJECT			#3015 READING		
NAME	DATE		BZ	COORD	BG ACT
SERIES COMPONENT LOCATION (EQUIPMENT FLOW)			X,Y		
SERIES GAS BLANKETING					
V1965	TAR DEC EQ LINE		26,76	28	109
V1966	TAR DEC EQ LINE		24,75		89
V1967	TAR DEC EQ LINE		26,70		89
V1968	TAR DEC EQ LINE		24,71		110
V1969	WEST DEC BLANK		26,68		65
V1970	EAST DEC BLANK		26,93		68
V1971	EAST DEC SAMPLE TAP		26,82		75
V1972	EAST DEC SAMPLE TAP		25,82		
V1973	EAST DEC SAMPLE TAP		24,83		
V1974	EAST DEC SAMPLE TAP		23,83		
V1975	EAST DEC SAMPLE TAP		22,83		
V1976	EAST DEC SAMPLE TAP		21,84		
V1977	WEST DEC SAMPLE TAP		26,57		280
V1978	WEST DEC SAMPLE TAP		25,57		
V1979	WEST DEC SAMPLE TAP		24,57		
V1980	WEST DEC SAMPLE TAP		23,57		
V1981	WEST DEC SAMPLE TAP		22,57		
V1982	WEST DEC SAMPLE TAP		21,57		870
V1983	FLUSHING LIQ TK DRAIN		22,108	114	280
V1984	FLUSHING LIQ TK DRAIN		23,115		
V1985	FLUSHING LIQ TK DRAIN		25,115		
V1986	FLUSHING LIQ TK PUMP SUCTION		24,106		
V1987	FLUSHING LIQ TK PUMP SUCTION		24,110		
V1988	FLUSHING LIQ TK PUMP SUCTION		24,113		
V1989	WEST TAR TANK OUTLET		18,5	78	140
V1990	WEST TAR TANK OUTLET		18,7		110
V1991	WEST TAR TANK OUTLET		18,8		114
V1992	WEST TAR TANK OUTLET		18,10		110
V1993	WEST TAR TANK OUTLET		18,13		116
V1994	WEST TAR TANK OUTLET		18,14		
V1995	WEST TAR TANK OUTLET		18,16		
V1996	EAST TAR TANK OUTLET		18,32		
V1997	EAST TAR TANK OUTLET		18,33	110	162
V1998	EAST TAR TANK OUTLET		18,34		128
V1999	EAST TAR TANK OUTLET		18,38		128
V2000	EAST TAR TANK OUTLET		18,40		128
V2001	EAST TAR TANK OUTLET		18,42		128

Flushy Liquid Pump

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NAME <i>BO</i> DATE <i>7-27-10</i>		#2290 READING			
SERIES	COMPONENT LOCATION (EQUIPMENT FLOW)	BZ	COORD	BG	ACT
SERIES-6400	BTX VENT SYSTEM		X,Y		
V7001	BTX VENT SYSTEM	BZ	14,160	<i>33</i>	<i>67</i>
V7004	BTX VENT SYSTEM	BZ	17,151	<i>1</i>	<i>1</i>
V7005	BTX VENT SYSTEM	BZ	18,142	<i>1</i>	<i>1</i>
V7007	BTX VENT SYSTEM	BZ	18,143	<i>1</i>	<i>1</i>
V7008	BTX VENT SYSTEM	BZ	25,142	<i>1</i>	<i>1</i>
V7009	BTX VENT SYSTEM	BZ	16,160	<i>1</i>	<i>1</i>
V7010	BTX VENT SYSTEM	BZ	24,137	<i>1</i>	<i>1</i>
V7011	BTX VENT SYSTEM	BZ	17,145	<i>1</i>	<i>43</i>
V7014	BTX VENT SYSTEM	BZ	17,153	<i>1</i>	<i>62</i>
V7015	BTX VENT SYSTEM	BZ	18,155	<i>1</i>	<i>1</i>
V7016	BTX VENT SYSTEM	BZ	18,156	<i>1</i>	<i>1</i>
V7018	BTX VENT SYSTEM	BZ	21,152	<i>1</i>	<i>1</i>
V7019	BTX VENT SYSTEM	BZ	17,156	<i>1</i>	<i>67</i>
V7020	BTX VENT SYSTEM	BZ	24,151	<i>1</i>	<i>42</i>
V7021	BTX VENT SYSTEM	BZ	17,155	<i>1</i>	<i>23</i>
ALL ITEMS 1QTR 10000 PPM ALL ITEMS ANNUALLY 500 ppm					

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